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## EUROPEAN PATENT APPLICATION

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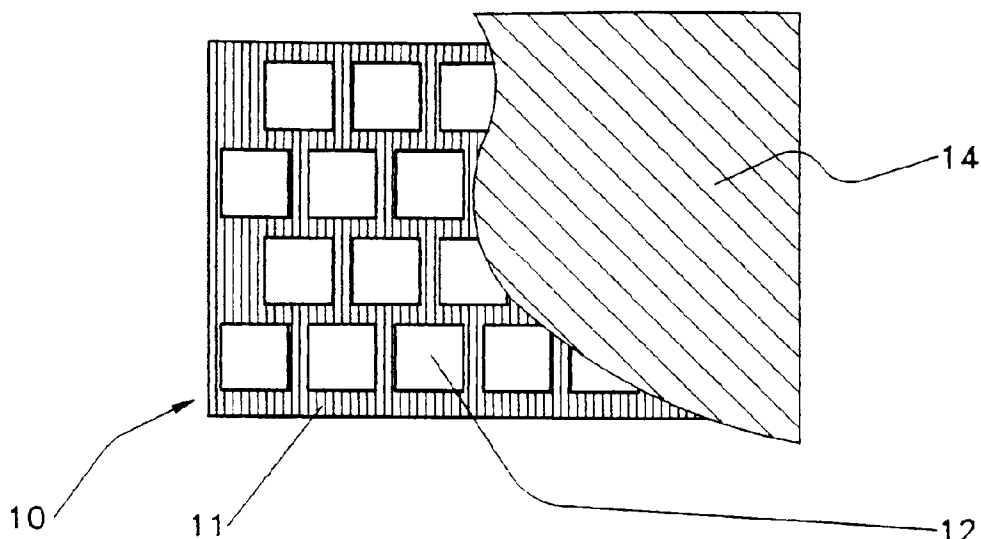
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(71) Applicant: **A.F.H. Investment Ltd.**  
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### (54) **Ballistic laminated armour**

(57) A structure useful to reduce the ballistic capacity of projectiles shot towards protected targets, which comprises a panel (10) including an elastically deformable laminate matrix (11), which supports a plurality of

rigid elements (12) located in the front part of said panel, said elements constituting means for absorbing the energy of the incident projectiles and for unstabilizing them in response to the impact of said projectiles on said elements and the elastic deformation of said matrix.



**Fig.1**

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# EUROPEAN SEARCH REPORT

Application Number  
EP 95 30 6132

| DOCUMENTS CONSIDERED TO BE RELEVANT                                                                                                                                                                                                                    |                                                                                                                    |                                                                                                                                                                                                                                                                              |                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| Category                                                                                                                                                                                                                                               | Citation of document with indication, where appropriate, of relevant passages                                      | Relevant to claim                                                                                                                                                                                                                                                            | CLASSIFICATION OF THE APPLICATION (Int.Cl.6) |
| X                                                                                                                                                                                                                                                      | US-A-2 348 130 (C. HARDY)<br>* page 1, left-hand column, line 35 - page 2, left-hand column, line 6; figures 1,2 * | 1,11-13, 19-22                                                                                                                                                                                                                                                               | F41H5/04                                     |
| A                                                                                                                                                                                                                                                      | ---                                                                                                                | 2,4,8-10                                                                                                                                                                                                                                                                     |                                              |
| X                                                                                                                                                                                                                                                      | US-A-2 723 214 (E. MEYER)<br>* column 4, line 44-56 *<br>* column 1, line 2-57; figures 1-13 *                     | 1,2,4,5, 8-10                                                                                                                                                                                                                                                                |                                              |
| X                                                                                                                                                                                                                                                      | DE-A-28 15 582 (H. APPRICH)<br>* page 4, paragraph 1 *<br>* page 4, paragraph 4 *                                  | 1-10                                                                                                                                                                                                                                                                         |                                              |
| X,D                                                                                                                                                                                                                                                    | EP-A-0 041 271 (A. GORUM)<br>* page 5, line 8-15; figures 8-10 *<br>* page 14, line 9 - page 17, line 27 *         | 1-3,6-10                                                                                                                                                                                                                                                                     |                                              |
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| X                                                                                                                                                                                                                                                      | DE-A-25 25 738 (J. DANZER)<br>* the whole document *                                                               | 11-17, 19-21                                                                                                                                                                                                                                                                 |                                              |
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|                                                                                                                                                                                                                                                        |                                                                                                                    | -/--                                                                                                                                                                                                                                                                         |                                              |
| The present search report has been drawn up for all claims                                                                                                                                                                                             |                                                                                                                    |                                                                                                                                                                                                                                                                              |                                              |
| Place of search<br>THE HAGUE                                                                                                                                                                                                                           |                                                                                                                    | Date of completion of the search<br>8 July 1996                                                                                                                                                                                                                              | Examiner<br>Van der Plas, J                  |
| CATEGORY OF CITED DOCUMENTS<br>X : particularly relevant if taken alone<br>Y : particularly relevant if combined with another document of the same category<br>A : technological background<br>O : non-written disclosure<br>P : intermediate document |                                                                                                                    | T : theory or principle underlying the invention<br>E : earlier patent document, but published on, or after the filing date<br>D : document cited in the application<br>L : document cited for other reasons<br>& : member of the same patent family, corresponding document |                                              |

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# EUROPEAN SEARCH REPORT

Application Number  
EP 95 30 6132

| DOCUMENTS CONSIDERED TO BE RELEVANT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                               |                                                 |                                              |
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| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Citation of document with indication, where appropriate, of relevant passages | Relevant to claim                               | CLASSIFICATION OF THE APPLICATION (Int.Cl.6) |
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| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | GB-A-543 646 (HUNT & TURNER LTD)                                              |                                                 |                                              |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                               |                                                 |                                              |
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