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(54) **Hinge arrangement**

(57) A hinge arrangement 30 comprising a first leaf 32, a second leaf 34, and mounting means 36, in the form of a mounting plate 38, studs 40 and slots 41 in this example. The hinge arrangement 30 is illustrated installed in a conventional double rebated door arrangement. The leaves 32 and 34 are pivotably inter-connected by a hinge pin 42. The first leaf 32 is slidably mounted on the mounting plate 36 via the studs 40, within limits set by abutment of the studs 40 with the ends of the slots

41. The leaf 32 also defines channels 43 which receive compression springs 44. The effect of the springs 44 is to move the pivot axis as the door opens, so that the second leaf 34, and hence the door style 48, move away from the mounting plate 38 and the door frame 46. The second leaf 34 comprises a cam 50, having a curved innerface 50a. The cam face 50a co-operates with a roller 52 carried by the mounting plate 38, to pull the leaf 32 towards the rebate 47, as the hinge 30 closes.

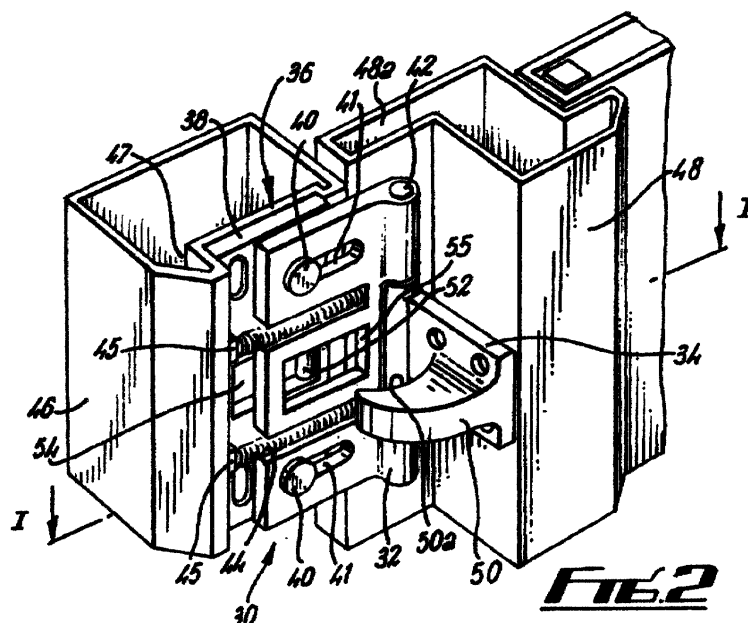


FIG. 2

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EUROPEAN SEARCH REPORT

Application Number
EP 99 30 9241

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The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		20 March 2001	Guillaume, G
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
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EUROPEAN SEARCH REPORT

Application Number
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CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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