



# SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 21 94 21 09

**Classification of the application (IPC):**  
A22C 17/04, A22C 25/16, B02C 18/28, B30B 9/24

**Technical fields searched (IPC):**  
A22C, B30B

| DOCUMENTS CONSIDERED TO BE RELEVANT |                                                                               |                   |
|-------------------------------------|-------------------------------------------------------------------------------|-------------------|
| Category                            | Citation of document with indication, where appropriate, of relevant passages | Relevant to claim |
| X                                   | EP 0421078 B1 (NORDISCHER MASCHINENBAU [DE])                                  | 1-3, 12, 13       |
| Y                                   | 19 May 1993 (1993-05-19)                                                      | 4-11, 15          |
| A                                   | * column 1, line 3 - column 4, line 38; claims 1-2; figures 1,2,3 *           | 14                |
| X                                   | DE 2032774 A1 (NORDISCHER MASCHINENBAU, RUD. BAADER GMBH)                     | 1-3, 12, 13       |
|                                     | 05 January 1972 (1972-01-05)                                                  |                   |
|                                     | * pages 1-4; claims 1-5; figures 1-3 *                                        |                   |
| Y                                   | WO 2020127086 A1 (NORDISCHER MASCHINENBAU [DE])                               | 4-8               |
|                                     | 25 June 2020 (2020-06-25)                                                     |                   |
|                                     | * abstract; claims 1-20; figures 1-6 *                                        |                   |
|                                     | * page 1, line 9 - page 18, line 20 *                                         |                   |
| Y                                   | DE 7216313 U (NORDISCHER MASCHINENBAU, RUD. BAADER)                           | 9, 10, 15         |
|                                     | 19 July 1973 (1973-07-19)                                                     |                   |
|                                     | * pages 1-5; claims 1-9; figure 1 *                                           |                   |
| Y                                   | GB 2455643 A (NORDISCHER MASCHINENBAU [DE])                                   | 11                |
|                                     | 24 June 2009 (2009-06-24)                                                     |                   |
|                                     | * page 1, line 3 - page 9, line 10; claims 1-13; figures 1-4 *                |                   |

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

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|------------------------------|-----------------------------------------------------|---------------------------------|
| Place of search<br>The Hague | Date of completion of the search<br>04 October 2024 | Examiner<br>Rojo Galindo, Ángel |
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## CATEGORY OF CITED DOCUMENTS

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

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# ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 21 94 21 09

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on 04-10-2024  
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| Patent document cited<br>in search report |    | Publication<br>date | Patent family<br>member(s) |                 | Publication<br>date |
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