



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 19 94 47 04

Classification of the application (IPC):
F25B 1/00, F25B 40/00

Technical fields searched (IPC):
F25B

| DOCUMENTS CONSIDERED TO BE RELEVANT | | |
|-------------------------------------|---|-------------------|
| Category | Citation of document with indication, where appropriate, of relevant passages | Relevant to claim |
| X | US 2015338121 A1 (YAMASHITA KOJI [JP]) 26 November 2015 (2015-11-26) * paragraphs [0076] - [0090]; figure 3 * | 1-6 |
| X | WO 2008130357 A1 (CARRIER CORP [US]; MITRA BISWAJIT [US] ET AL.) 30 October 2008 (2008-10-30) * paragraphs [0017] - [0023]; figure 1 * | 1-6 |

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 Munich | Date of completion of the search 28 July 2022 | Examiner Amous, Moez |
|---------------------------|--|-------------------------|

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 |
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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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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 28-07-2022.
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| Patent document cited in search report | Publication date | Patent family member(s) | Publication date |
|---|---------------------|----------------------------|---------------------|
| US 2015338121 A1 | 26-11-2015 | CN 105190199 A | 23-12-2015 |
| | | EP 2975338 A1 | 20-01-2016 |
| | | JP 5855312 B2 | 09-02-2016 |
| | | JP WO2014141375 A1 | 16-02-2017 |
| | | US 2015338121 A1 | 26-11-2015 |
| | | WO 2014141375 A1 | 18-09-2014 |
| WO2008130357 A1 | 30-10-2008 | CN 101688696 A | 31-03-2010 |
| | | DK 2147264 T3 | 04-03-2019 |
| | | EP 2147264 A1 | 27-01-2010 |
| | | HK 1142664 A1 | 10-12-2010 |
| | | JP 2010525292 A | 22-07-2010 |
| | | US 2010115975 A1 | 13-05-2010 |
| | | WO 2008130357 A1 | 30-10-2008 |