



# SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 18 84 53 98

Classification of the application (IPC):  
F25B 9/10, F25B 1/10, F25B 9/06, F25B 41/04

Technical fields searched (IPC):  
F25B

| DOCUMENTS CONSIDERED TO BE RELEVANT |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                   |
|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| Category                            | Citation of document with indication, where appropriate, of relevant passages                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Relevant to claim |
| Y                                   | CN 101290174 A (UNIV DALIAN TECH [CN])<br>22 October 2008 (2008-10-22)<br>* the whole document *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1-4               |
| Y                                   | <b>Emanuel Binder</b> : "Untersuchungen zum Potential eines Verbrennungsmotors mit Druckwellenlader", 01 January 2015 (2015-01-01)<br>URL: <a href="https://publikationsserver.tu-braunschweig.de/servlets/MCRFileNodeServlet/dbbs_derivate_00042321/Diss_Binder_Emanuel.pdf">https://publikationsserver.tu-braunschweig.de/servlets/MCRFileNodeServlet/dbbs_derivate_00042321/Diss_Binder_Emanuel.pdf</a><br>[retrieved on 13 September 2019 (2019-09-13)]<br>XP055621899<br>* "Abstract"; page 9 - page 10 *<br>* corresponds to p.24-25 as printed on pages; page 42, last paragraph - page 43, paragraph first paragraph; figure 2.11 * | 1-4               |
| Y                                   | <b>Hans Ulrich Hörler</b> : "Abschätzung der Verluste in instationär-gasdynamischen Kanaltrommel-Drucktauschern", 01 January 1969 (1969-01-01)<br>URL: <a href="http://e-collection.ethbib.ethz.ch/eserv/eth:20223/eth-20223-02.pdf">http://e-collection.ethbib.ethz.ch/eserv/eth:20223/eth-20223-02.pdf</a><br>[retrieved on 12 September 2019 (2019-09-12)]<br>XP055621880<br>* corresponds to p.10 as printed on paper; page 11, paragraph first paragraph - paragraph second paragraph *<br>* corresponds to p.231-234 as printed on paper (chapter 3.6.5); page 234 - page 237 *<br>* figures 3.6.8, 3.6.10 *                          | 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>Munich | Date of completion of the search<br>16 September 2019 | Examiner<br>Karspeck, Sabine |
|---------------------------|-------------------------------------------------------|------------------------------|

## CATEGORY OF CITED DOCUMENTS

- |                                                                                 |                                                                        |
|---------------------------------------------------------------------------------|------------------------------------------------------------------------|
| 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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| 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

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EP 18 84 53 98

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 16-09-2019  
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| Patent document cited<br>in search report |   | Publication<br>date | Patent family<br>member(s) | Publication<br>date |
|-------------------------------------------|---|---------------------|----------------------------|---------------------|
| CN 101290174                              | A | 22-10-2008          | NONE                       |                     |

For more details about this annex: see Official Journal of the European Patent Office, No. 12/82

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