

INTERNATIONAL SEARCH REPORT

International application No.

PCT/EP2019/083927

A. CLASSIFICATION OF SUBJECT MATTER <i>E01B 29/17</i> (2006.01)j According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) E01B Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EPO-Internal		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 202005019061 U1 (ROBEL BAHNBAUMASCHINEN GMBH [DE]) 16 February 2006 (2006-02-16) cited in the application paragraphs [0014] - [0019]; figures	1-15
A	FR 2899249 A1 (EUROP DE TRAVAUX FERROVIAIRES [FR]) 05 October 2007 (2007-10-05) abstract page 4, last paragraph - page 5, paragraph 1; figures	1,11
A	DE 4418376 A1 (ROBEL GEORG GMBH & CO [DE]) 30 November 1995 (1995-11-30) columns 2-4; figures	1,11
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
<p>* Special categories of cited documents:</p> <p>“A” document defining the general state of the art which is not considered to be of particular relevance</p> <p>“E” earlier application or patent but published on or after the international filing date</p> <p>“L” document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>“O” document referring to an oral disclosure, use, exhibition or other means</p> <p>“P” document published prior to the international filing date but later than the priority date claimed</p> <p>“T” later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>“X” document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>“Y” document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>“&” document member of the same patent family</p>		
Date of the actual completion of the international search 23 January 2020		Date of mailing of the international search report 07 February 2020
Name and mailing address of the ISA/EP European Patent Office p.b. 5818, Patentlaan 2, 2280 HV Rijswijk Netherlands Telephone No. (+31-70)340-2040 Facsimile No. (+31-70)340-3016		Authorized officer Movadat, Robin Telephone No.

INTERNATIONAL SEARCH REPORT
Information on patent family members

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