



(11)

EP 2 133 652 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
30.05.2012 Bulletin 2012/22

(51) Int Cl.:
F41H 11/16 (2011.01)

(43) Date of publication A2:
16.12.2009 Bulletin 2009/51

(21) Application number: 09275042.1

(22) Date of filing: 11.06.2009

(84) Designated Contracting States:
**AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL
PT RO SE SI SK TR**

Designated Extension States:
AL BA RS

(30) Priority: 11.06.2008 GB 0810643

(71) Applicant: **Firth, Charles Basil
Jesmond,
Newcastle-upon-Tyne NE2 3HS (GB)**

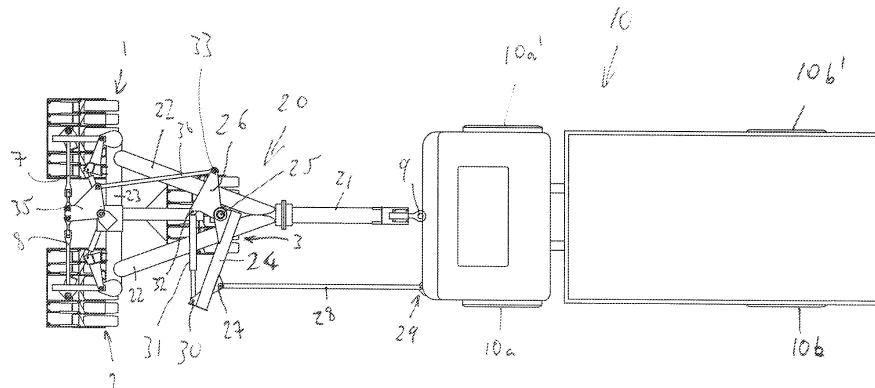
(72) Inventor: **Firth, Charles Basil
Jesmond,
Newcastle-upon-Tyne NE2 3HS (GB)**

(74) Representative: **Elsworth, Dominic Stephen
Hargreaves Elsworth
Cooper's Studios
14-18 Westgate Road
Newcastle-upon-Tyne NE1 3NN (GB)**

(54) **Mine detonating apparatus**

(57) A steerable mine detonation apparatus is adapted to be pushed by a steered vehicle (10). The apparatus comprises a frame (4) and at least two spaced apart ground engaging members (1-3) adapted to support the apparatus and adapted to exert a force on mines in the apparatus' path of sufficient to cause detonation thereof. At least one ground engaging member (1-3) is steerable, and at least one steerable ground engaging member (1-3) is attached to the frame (4) so as to pivot with respect thereto about a substantially vertical axis and is connected to a steering linkage, the apparatus further

comprising a steering mechanism operatively connected to the steering linkage and, in use, to the pushing vehicle. An actuator (5.31) adapted to vary the configuration of the steering mechanism, is controlled to provide that, in use, the turning radius of at least a part of the innermost ground engaging member is less than or equal to the a turning radius of the innermost wheel of the pushing vehicle, and the turning radius of at least a part of the outermost ground engaging member is greater than or equal to the a turning radius of the outermost wheel of the pushing vehicle.





EUROPEAN SEARCH REPORT

Application Number
EP 09 27 5042

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
A,D	US 6 915 728 B2 (RENWICK PETER JOHN [GB] ET AL) 12 July 2005 (2005-07-12) * abstract * * figures 1-3 * * column 1, line 11 - line 14 * * column 1, line 19 - line 25 * * column 1, line 56 - line 67 * * column 2, line 11 - line 16 * * sentence 38 - sentence 44 *	1	INV. F41H11/16
A	FR 1 240 528 A (LAURENT JEAN-LUCIEN-CAMILLE) 9 September 1960 (1960-09-09) * page 1, column 2, line 4 - line 19 * * page 2, column 1, line 51 - line 59 * * claims 13-14 * * figures 4-6,10 *	1	
A	DE 26 32 568 A1 (KAEHLBLE GMBH C) 26 January 1978 (1978-01-26) * the whole document *	1	TECHNICAL FIELDS SEARCHED (IPC) F41H A01B B60D E01C
The present search report has been drawn up for all claims			
2	Place of search The Hague	Date of completion of the search 19 April 2012	Examiner Lahousse, Alexandre
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	
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			

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 09 27 5042

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. The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

19-04-2012

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