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(54) **A post driver**

(57) A post driver (1) has a support frame (2) with means (3) for attachment to a carrier vehicle. A mast (4) is mounted on the support frame (2). A hammer (5) is slidably mounted on the mast (4) for movement between raised and lowered positions on the mast (4). A hammer actuating assembly (8) is operable for raising the hammer (5) on the mast (4) for release to drive a post. The hammer actuating assembly (8) has a hammer lifting rope (10) having a first end (11) attached to the hammer (5) and a second end (20) attached to the mast (4), said rope (10) extending outwardly from the hammer (5) and around a fixed pulley (15) which is rotatably mounted on the mast (4) and then downwardly and around a movable pulley (18) and then upwardly to an anchor point (19) on the mast (4) to which the second end (20) of the rope (10) is attached. Drive means (26) is operable for moving the movable pulley (18) away from the fixed pulley (15) for raising the hammer (5). The movable pulley (18) is rotatably mounted on a carriage (25), said carriage (25) slidably engaging the mast (4). The drive means (26) is a ram connected between the carriage (25) and a ram mount (29) on the mast (4) below the carriage (25).

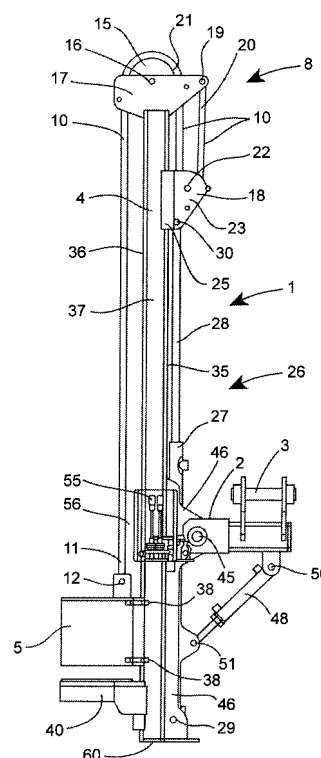


Fig. 2



EUROPEAN SEARCH REPORT

Application Number
EP 08 15 0985

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	GB 2 423 549 A (BRYCE JOHN MOWATT [GB]) 30 August 2006 (2006-08-30) * figure 22 * * page 2, line 11 * * page 5, line 7 - line 9 * * page 13, line 5 - line 7 * -----	1-14	INV. E04H17/26
A	JP 60 000435 U (.) 5 January 1985 (1985-01-05) * figures 1-3 * -----	1-14	
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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC)
			E04H E02D
Place of search		Date of completion of the search	Examiner
Munich		5 February 2010	Brucksch, Carola
CATEGORY OF CITED DOCUMENTS 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 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			

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**ANNEX TO THE 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.
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05-02-2010

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