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EUROPEAN PATENT APPLICATION

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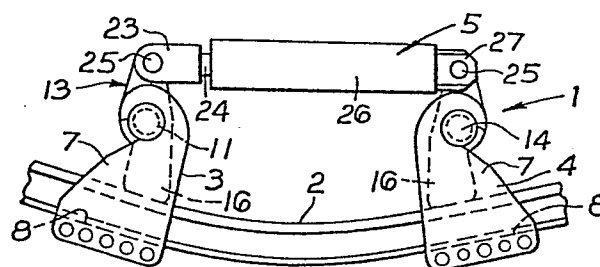
⑧④ Designated Contracting States: **AT DE FR GB**

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⑤④ **Portable bending apparatus.**

⑤⑦ A portable bending apparatus (1) for bending elongate, deformable material (2), comprises first and second clamps (3, 4) adapted, in use, to be located in a selected, spaced-apart relationship along a length of material (2) to be bent, each clamp (3, 4) providing a fixed jaw (8) adapted, in use, to engage one side of the material (2) to be bent in the plane in which bending is required, and pivotably carrying a lever (13) having lever portions (15, 18) extending to opposite sides of a laterally spaced, lever pivot axis (14), with a first lever portion (15) provided with a jaw (16) adapted to engage the opposite side of the material (2) to be bent in the plane in which bending is required, and with a second lever portion (18) providing a pivotal attachment point (21) for power means extending between the levers and hence between the clamps for imposing bending moments on the material to be bent via the clamps, the power means comprising a double-acting, hydraulic piston and cylinder unit (5).





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EUROPEAN SEARCH REPORT

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Application number

EP 85 30 8602

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
X	DE-A-2 140 837 (GREENSIDE HYDRAULICS LTD.) * pages 1-6; figures 1, 2, 5-7 *	1,8-10	B 21 D 7/06 E 01 B 31/08
Y	---	2	
Y	US-A-3 988 918 (S.R. CREES) * figures 1-2, reference signs 16, 18, 46, 48, 66, 68 *	2	
A	DE-U-1 784 540 (A. HASENKNOFF) * figures; page 1 *	1	
A	DE-C- 10 712 (E. SCHRABETZ) * figures 1, 2; page 1 *	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
			B 21 D 7/00 B 21 D 9/00 B 21 D 11/00 B 21 D 3/00 E 01 B 31/08
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 15-04-1987	Examiner BROESAMLE
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			