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(54) Clamping or pressing devices.

(57) The screw (104) of a clamping or pressing device, such as a vice or press, passes through a sleeve (111) carrying a thread of different pitch, and engages one (102) of the parts of the device directly and the other (103) via the sleeve, so that the relative movement of the parts of the device is the sum of those due to the sleeve and the screw when they are rotated separately. Using a coarse pitch for the screw and a fine pitch for the sleeve thread, or vice versa, allows rapid initial movement together with high clamping force.

The invention is applicable to presses and to various types of vice. A vice according to the invention may be provided with an additional clamp for holding a pipe or rod vertically.

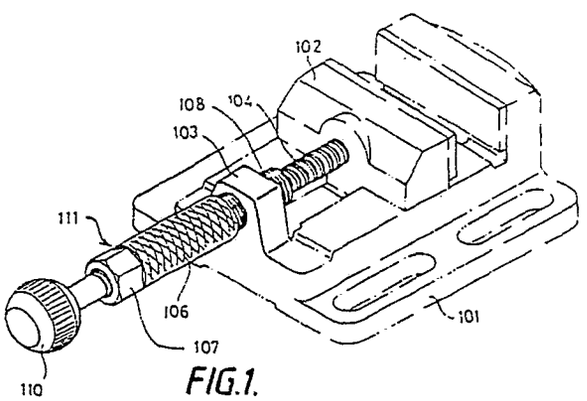

FIG.1.

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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	CH-A- 349 937 (E.H. FISCHER'S SÖHNE AG et al.) * Page 2, lines 27-36,49-55; figure 1 *	1,2	B 25 B 1/10 B 30 B 1/20 B 25 B 5/10
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Y		5	

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The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
THE HAGUE	18-07-1989	MAJERUS H.M.P.

CATEGORY OF CITED DOCUMENTS

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
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A	GB-A- 994 271 (M. WAHLI) * Figure 2 *	6	
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A	DE-A-3 324 282 (G. SCHLITTER)		

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