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(54) **Locking device for doors of industrial machines**

(57) Clamping device (10) for an opening door (13) of an industrial machine equipped with a frame (12). The device (10) comprises first attachment elements (20, 21) for a first clamping of the door (13) to the frame (12), and second mechanical closing elements (30) including a selectively mobile attachment element (31) associated with the frame (12) and able to be inserted in a mating seating (23) provided on the door (13). The attachment element

(31) is associated with an actuator group (35) which moves it on a plane (P) between an inactive position and an active clamping position wherein an operative extremity (32) thereof cooperates with the seating (23). The actuator group (35) comprises a cam (39) selectively made to rotate around an axis (x) thereof by means of activation of a drive member (38). The cam (39) moves the attachment element (31) on the plane (P).

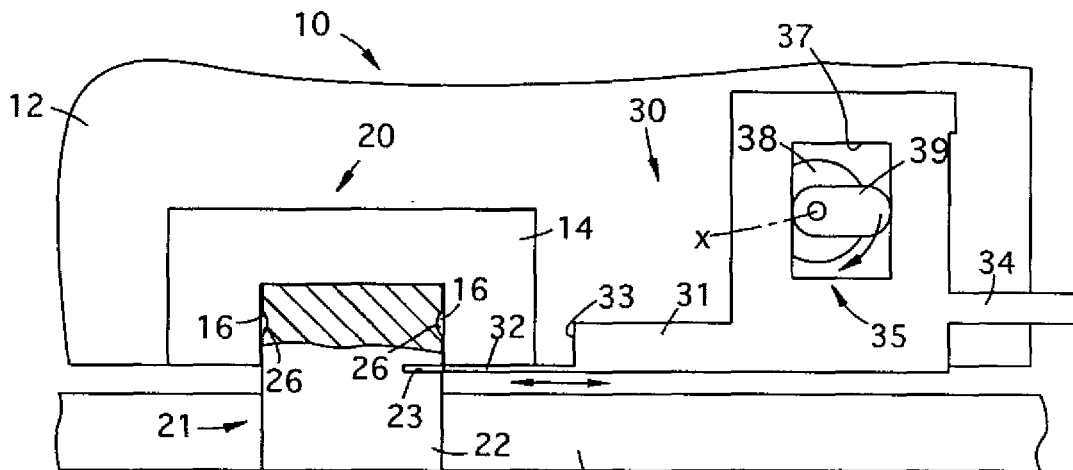


fig. 3



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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			TECHNICAL FIELDS SEARCHED (IPC)
			E05B E05C A47L
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
Munich		3 August 2007	Pieracci, Andrea
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone		T : theory or principle underlying the invention	
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A : technological background		D : document cited in the application	
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**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 05 11 1556

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.

03-08-2007

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82