

Title (en)
Locking device for doors of industrial machines

Title (de)
Verriegelungsvorrichtung für Türen von industriellen Maschinen

Title (fr)
Dispositif de verrouillage pour portes de machines industrielles

Publication
EP 1669530 B1 20160330 (EN)

Application
EP 05111556 A 20051201

Priority
IT UD20040224 A 20041202

Abstract (en)
[origin: EP1669530A2] 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).

IPC 8 full level
E05C 1/06 (2006.01); **E05B 47/02** (2006.01)

CPC (source: EP)
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