

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)

**E05B 47/023** (2013.01); **E05B 47/026** (2013.01); **E05C 1/06** (2013.01); **E05C 19/04** (2013.01); **E05B 47/0012** (2013.01); **E05B 2047/0024** (2013.01)

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