

Title (en)

Clamping device for the doors of industrial machines

Title (de)

Feststellvorrichtung für die Tür einer industriellen Maschine

Title (fr)

Dispositif de fixation d'une porte d'une machine industrielle

Publication

**EP 1314840 A2 20030528 (EN)**

Application

**EP 02025753 A 20021115**

Priority

IT UD20010187 A 20011119

Abstract (en)

Clamping device (10) for an openable door (13) of an industrial machine equipped with a frame (12), and comprising first mating connecting means (20, 21) for a first clamping of the door (13) to the frame (12), and second mechanical closing means (30) including a selectively movable fastening element (31) associated with the frame (12) and able to be inserted in a mating seating (23) provided on the door (13). The fastening element (31) is associated with an actuator element (35) able to move it from an inactive position to an active clamping position wherein one operative end (32) thereof cooperates with the seating (23). The actuator element (35) is arranged offset with respect to the axis of movement of the fastening element (31) and at a distance from the operative end (32) such that it can be located in a position not directly interfering with the front edge of the frame (12). <IMAGE>

IPC 1-7

**E05B 47/02**; **E05B 63/14**; **E05C 19/02**; **E05B 15/10**

IPC 8 full level

**E05B 47/02** (2006.01); **E05B 15/10** (2006.01); **E05B 63/14** (2006.01); **E05C 19/04** (2006.01)

CPC (source: EP)

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Cited by

EP1669530A3; EP2397626A1; ITTO20100528A1; EP3498955A1; CN109914924A; US9127482B2; EP1669530A2; US11261629B2; EP3498955B1

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