

Title (en)  
SPRING-LOADED CATCH FOR A SLIDING DOOR OF A SHEET METAL CUPBOARD

Title (de)  
SCHNAPPVERSCHLUSS FÜR EINE BLECHSCHRANKSCHIEBETÜR

Title (fr)  
LOQUETEAU D'UNE PORTE COULISSANTE D'UNE ARMOIRE EN METAL

Publication  
**EP 1066437 A1 20010110 (DE)**

Application  
**EP 99911792 A 19990313**

Priority  
• DE 29805358 U 19980325  
• EP 9901670 W 19990313

Abstract (en)  
[origin: WO9949158A1] The invention relates to a spring-loaded catch (10) for a sliding door (12) of a machine casing (18) which door is preferably reinforced on at least one side by a sheet metal fold (14) or a rectangular hollow profile. The spring-loaded catch comprises a handle (20) which is mounted in a pivoting manner on the reinforced side of the sliding door (12) and which cooperates with a latch bolt device (30), as well as a retaining device (26) which is mounted on or housed inside a door frame (18) or in a shaped section which delimits an opening in the machine casing for the purpose of receiving the latch bolt (30) when the door is closed. According to the invention the handle (20) comprises a bar (32) which at its ends extends around a swivel pin (22) parallel to the reinforced side of the door leaf (12) and positioned behind the door leaf or within the sheet metal fold or hollow profile. The ends (34, 36) of said bar are both fixed in a support (40, 38) and at least one of these two supports (for example, 40) is coupled to a hook (30) with free travel (50, 52) which is mounted in a pivoting manner coaxially to the swivel pin and forms the locking latch.

IPC 1-7  
**E05B 7/00**; E05B 65/08; E05C 3/16; E05B 47/06

IPC 8 full level  
**E05B 7/00** (2006.01); **E05B 47/06** (2006.01); **E05B 65/08** (2006.01); **E05C 3/16** (2006.01); **E05C 3/12** (2006.01)

CPC (source: EP US)  
**E05B 65/0852** (2013.01 - EP US); **E05C 3/124** (2013.01 - EP US); **Y10T 292/081** (2015.04 - EP US); **Y10T 292/0831** (2015.04 - EP US); **Y10T 292/0857** (2015.04 - EP US); **Y10T 292/0932** (2015.04 - EP US); **Y10T 292/0949** (2015.04 - EP US); **Y10T 292/1059** (2015.04 - EP US); **Y10T 292/108** (2015.04 - EP US)

Citation (search report)  
See references of WO 9949158A1

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**DE 29805358 U1 19990729**; DE 19980501 D2 20010322; DE 59900686 D1 20020221; EP 1066437 A1 20010110; EP 1066437 B1 20011121; JP 2002507680 A 20020312; US 6550824 B1 20030422; WO 9949158 A1 19990930; WO 9949158 B1 19991104

DOCDB simple family (application)  
**DE 29805358 U 19980325**; DE 19980501 T 19990313; DE 59900686 T 19990313; EP 9901670 W 19990313; EP 99911792 A 19990313; JP 2000538105 A 19990313; US 64684600 A 20001214