

Title (en)
Safety brake for gates

Title (de)
Absturzsicherung für Tore

Title (fr)
Dispositif de sécurité anti-chute pour portes

Publication
EP 1748147 B1 20090819 (EN)

Application
EP 06380210 A 20060726

Priority
ES 200501724 U 20050726

Abstract (en)
[origin: EP1748147A2] This invention relates to a safety brake for gates, especially for single-piece gates or doors or gates or doors based on hinged or overlaid panels, which are suspended from at least one cable and have a transverse shaft ending in a pair of wheels (2) for their sliding in U-shaped vertical side rails (1). The shaft (3) of each wheel (2) incorporates a catch (5) provided with a peripheral groove (8) for the passage of the suspension cable (9), such that said cable, and due to the effect of the weight of the door, tends to locate the catch (5) in the inoperative position, whereas a spring (11) assembled between the shaft (3) and the catch (5) tends to make the latter pivot towards the locking position, becoming operative when the cable breaks.

IPC 8 full level
E06B 9/84 (2006.01); **E05D 13/00** (2006.01)

CPC (source: EP)
E05D 13/006 (2013.01); **E06B 9/84** (2013.01); **E05Y 2900/00** (2013.01); **E05Y 2900/106** (2013.01)

Designated contracting state (EPC)
ES FR IT

DOCDB simple family (publication)
EP 1748147 A2 20070131; **EP 1748147 A3 20080312**; **EP 1748147 B1 20090819**; ES 1060759 U 20051101; ES 1060759 Y 20060216;
ES 2330878 T3 20091216

DOCDB simple family (application)
EP 06380210 A 20060726; ES 06380210 T 20060726; ES 200501724 U 20050726