

Title (en)
FIRE DOOR

Title (de)
BRANDSCHUTZTÜR

Title (fr)
PORTE COUPE-FEU

Publication
EP 0882169 B1 20040225 (DE)

Application
EP 97938778 A 19970816

Priority
• DE 9701759 W 19970816
• DE 19651947 A 19961216

Abstract (en)
[origin: US6079162A] This invention relates to a fire barrier which includes a functional combination of at least one single-panel casement panel and a sliding panel which is connected or adjacent to it. The sliding panel, which can be automatically moved horizontally during normal operation, contains an auxiliary drive mechanism which, in an emergency, moves the sliding panel without an outside power source into the open position. The casement panel is moved simultaneously by a closing mechanism from its fixed or open position into the correct closed position to create or act as a barrier.

IPC 1-7
E06B 5/16; E06B 3/50; E05F 15/20

IPC 8 full level
E05F 15/00 (2015.01); **E05F 15/20** (2006.01); **E05F 15/643** (2015.01); **E05F 15/72** (2015.01); **E06B 3/50** (2006.01); **E06B 5/16** (2006.01); E05D 15/48 (2006.01)

CPC (source: EP US)
E05F 15/643 (2015.01 - EP US); **E05F 15/72** (2015.01 - EP US); **E06B 3/50** (2013.01 - EP US); **E06B 3/5072** (2013.01 - EP US); **E06B 5/16** (2013.01 - EP US); **E05D 15/48** (2013.01 - EP US); **E05F 1/16** (2013.01 - EP US); **E05Y 2201/216** (2013.01 - EP US); **E05Y 2201/246** (2013.01 - EP US); **E05Y 2201/41** (2013.01 - EP US); **E05Y 2201/422** (2013.01 - EP US); **E05Y 2201/462** (2013.01 - EP US); **E05Y 2400/854** (2013.01 - EP US); **E05Y 2800/16** (2013.01 - EP US); **E05Y 2800/25** (2013.01 - EP US); **E05Y 2800/746** (2013.01 - EP US); **E05Y 2900/134** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB IE IT LI LU NL SE

DOCDB simple family (publication)
US 6079162 A 20000627; AT E260401 T1 20040315; AU 4111097 A 19980715; AU 721399 B2 20000706; CZ 247598 A3 19990714; CZ 296070 B6 20060111; DE 19651947 C1 19980312; DE 59711342 D1 20040401; EP 0882169 A1 19981209; EP 0882169 B1 20040225; ES 2129383 T1 19990616; NO 309688 B1 20010312; NO 981122 D0 19980313; NO 981122 L 19980625; SK 106498 A3 20000410; SK 285091 B6 20060601; WO 9827305 A1 19980625

DOCDB simple family (application)
US 13513798 A 19980817; AT 97938778 T 19970816; AU 4111097 A 19970816; CZ 247598 A 19970816; DE 19651947 A 19961216; DE 59711342 T 19970816; DE 9701759 W 19970816; EP 97938778 A 19970816; ES 97938778 T 19970816; NO 981122 A 19980313; SK 106498 A 19970816