

Title (en)
FIRE DOOR

Title (de)
FEUERSCHUTZ-TÜR

Title (fr)
PORTE COUPE-FEU

Publication
EP 0782657 A2 19970709 (DE)

Application
EP 95930378 A 19950908

Priority
• DE 9501232 W 19950908
• DE 4432580 A 19940913
• DE 19510912 A 19950324

Abstract (en)
[origin: WO9608627A2] The invention concerns a fire door with a frame (2) and a door (6) mounted to pivot on the frame (2). Both frame (2) and door (6) are made of metal, preferably steel, and/or fireproof glass and several, at least two, hinge plates are located between the frame (2) and the door (6). The fire door proposed is inexpensive to manufacture, lightweight and can be used as a T30 fire door by virtue of the fact that the hinge plates (9) are made of light alloy and that a sealing element (25, 27) which expands under the increase in temperature caused by a fire is fitted between the frame (2) and the door (6) at least in certain areas, preferably along the vertical parts of the frame near the hinge plates (9).

IPC 1-7
E06B 5/16; **E06B 7/16**

IPC 8 full level
E05D 9/00 (2006.01); **E06B 5/16** (2006.01); **E06B 7/16** (2006.01)

CPC (source: EP)
E05D 9/00 (2013.01); **E06B 5/162** (2013.01); **E05Y 2900/134** (2013.01)

Citation (search report)
See references of WO 9608627A2

Cited by
CN112026806A

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

DOCDB simple family (publication)
WO 9608627 A2 19960321; **WO 9608627 A3 19960627**; AT E193090 T1 20000615; DE 19510912 A1 19960926; DE 19510912 B4 20050428; DE 59508362 D1 20000621; EP 0782657 A2 19970709; EP 0782657 B1 20000517; EP 0782657 B2 20031112

DOCDB simple family (application)
DE 9501232 W 19950908; AT 95930378 T 19950908; DE 19510912 A 19950324; DE 59508362 T 19950908; EP 95930378 A 19950908