

Title (en)
DEVICE FOR EXTINGUISHING A FIRE

Title (de)
VORRICHTUNG ZUM LÖSCHEN EINES FEUERS

Title (fr)
DISPOSITIF POUR ETEINDRE UN INCENDIE

Publication
EP 1224014 B1 20070314 (DE)

Application
EP 00979481 A 20000930

Priority
• DE 19948324 A 19991007
• EP 0009604 W 20000930

Abstract (en)
[origin: US7032681B1] With a device for extinguishing a fire, with extinguishing nozzles (10) arranged in areas of a structure, and of a building or a ship in particular, said extinguishing nozzles being connected in each case to a connection end (7 a) of a supply line (7) filled with extinguishing fluid, said supply line connecting the extinguishing nozzles (10) to an extinguishing fluid supply device, which in the event of a fire imposes on the supply line (7) extinguishing fluid under pressure, simple and economical means allow for a reliable response, in that a bursting disk (33) is arranged in the area of the connection end (7 a) of the supply line (7), which bursts at the attaining of a predetermined bursting pressure of the extinguishing fluid in the supply line (7), so that extinguishing fluid flows unimpeded into the extinguishing nozzle (10), and in which the supply line (7) in the position of rest is filled with extinguishing fluid at a pressure of rest which is lower than the bursting pressure.

IPC 8 full level
A62C 35/60 (2006.01); **A62C 35/66** (2006.01); **A62C 31/02** (2006.01); **A62C 31/12** (2006.01); **A62C 35/68** (2006.01); **A62C 37/40** (2006.01)

CPC (source: EP KR US)
A62C 31/02 (2013.01 - EP US); **A62C 35/60** (2013.01 - EP KR US); **A62C 35/68** (2013.01 - EP US)

Citation (examination)
WO 9633775 A1 19961031 - KAMAT PUMPEN GMBH & CO KG [DE], et al

Designated contracting state (EPC)
AT DE ES FR GB IT

DOCDB simple family (publication)
US 7032681 B1 20060425; AT E356652 T1 20070415; AU 1695201 A 20010510; CN 1191874 C 20050309; CN 1378474 A 20021106; DE 19948324 A1 20010419; DE 19948324 C2 20010809; DE 50014166 D1 20070426; EP 1224014 A1 20020724; EP 1224014 B1 20070314; EP 1224014 B2 20111102; ES 2283330 T3 20071101; HK 1050150 A1 20030613; HK 1050150 B 20050805; JP 2003511114 A 20030325; KR 100720188 B1 20070522; KR 20020075858 A 20021007; TW 585115 U 20040421; WO 0124881 A1 20010412

DOCDB simple family (application)
US 8992402 A 20020806; AT 00979481 T 20000930; AU 1695201 A 20000930; CN 00813972 A 20000930; DE 19948324 A 19991007; DE 50014166 T 20000930; EP 0009604 W 20000930; EP 00979481 A 20000930; ES 00979481 T 20000930; HK 03101957 A 20030317; JP 2001527879 A 20000930; KR 20027004519 A 20020408; TW 91214720 U 20001006