

Title (en)
DEVICE FOR EXTINGUISHING A FIRE

Title (de)
VORRICHTUNG ZUM LÖSCHEN EINES FEUERS

Title (fr)
DISPOSITIF POUR ETEINDRE UN INCENDIE

Publication
EP 1224014 B2 20111102 (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
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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 (opposition)
Opponent :
• EP 0784998 A2 19970723 - MORTON INT INC [US]
• GB 1541027 A 19790221 - RAGO J
• US 2557957 A 19510626 - FERGUSON VERNON E
• GB 228667 A 19250212 - SPENCER HORTON
• US 2822053 A 19580204 - KEEMA ALEXANDER W

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