

Title (en)
POWDER TYPE FIRE EXTINGUISHER

Publication
EP 0141563 A3 19860129 (EN)

Application
EP 84307029 A 19841015

Priority
GB 8328213 A 19831021

Abstract (en)
[origin: EP0141563A2] A powder fire extinguisher contains powder which will be expelled, through an outlet passage (16) by a compressed gas. The gas is contained in a cylinder which is punctured to operate the extinguisher. A valve (31,32) is positioned in the outlet passage, and when the gas cylinder is punctured, the gas pressure immediately acts on the valve (31,32) to hold it closed until pressure has built up in the main body of the extinguisher and the powder is completely fluidized. Once the pressures on opposite sides of the valve are equal, the valve will open since the areas exposed to pressure on the two sides are different.

IPC 1-7
A62C 13/42; **A62C 35/02**

IPC 8 full level
A62C 13/68 (2006.01); **A62C 35/02** (2006.01)

CPC (source: EP)
A62C 13/68 (2013.01); **A62C 35/02** (2013.01)

Citation (search report)
• [A] DE 1434959 A1 19681205 - SCHMOELE METALL R & G
• [A] US 3858659 A 19750107 - FUKUSHIMA YASUICHI
• [A] GB 1567895 A 19800521 - GLOVER & CO LTD T
• [A] US 3937257 A 19760210 - BIRO GUY DION

Cited by
EP0788815A3; EP0743077A1; FR2734163A1

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

DOCDB simple family (publication)
EP 0141563 A2 19850515; **EP 0141563 A3 19860129**; **EP 0141563 B1 19880608**; AT E34924 T1 19880615; DE 3471887 D1 19880714; ES 536928 A0 19851116; ES 8601708 A1 19851116; GB 2148114 A 19850530; GB 2148114 B 19870520; GB 8328213 D0 19831123

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