

Title (en)

NOZZLE FOR SMALL CAPACITY FIRE EXTINGUISHER

Title (de)

DÜSE FÜR FEUERLÖSCHER MIT GERINGER KAPAZITÄT

Title (fr)

BUSE POUR EXTINCTEUR D INCENDIE DE FAIBLE CAPACITE

Publication

EP 1863578 A1 20071212 (EN)

Application

EP 06723928 A 20060331

Priority

- EP 2006002968 W 20060331
- EP 05007067 A 20050331
- EP 06723928 A 20060331

Abstract (en)

[origin: EP1707243A1] A nozzle is provided particularly for use with small capacity fire extinguishers having, for example, capacities of two to four litres. The nozzle is configured to provide a turbulence-generating channel designed to impart turbulence to a flow of extinguishant by first deflecting extinguishant away from the axis of the nozzle, before redirecting the extinguishant back along the axis of the nozzle. In one example, the channel includes at least two deflection surfaces, which are perpendicular to the flow of extinguishant. The combination of these and other components serves to impart a high degree of turbulence to the flow of extinguishant so as to ensure effective mixing of air and extinguishant within the outlet port of the nozzle to provide an effective foam or mist for fighting fires.

IPC 8 full level

A62C 31/02 (2006.01)

CPC (source: EP)

A62C 31/02 (2013.01)

Citation (search report)

See references of WO 2006103097A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1707243 A1 20061004; EP 1863578 A1 20071212; WO 2006103097 A1 20061005

DOCDB simple family (application)

EP 05007067 A 20050331; EP 06723928 A 20060331; EP 2006002968 W 20060331