

Title (en)
FIRE EXTINGUISHING NOZZLE AND FIRE EXTINGUISHER

Title (de)
FEUERLÖSCHDÜSE UND FEUERLÖSCHER

Title (fr)
BUSE D'EXTINCTION D'INCENDIE ET EXTINCTEUR

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Application
EP 21155804 A 20210208

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- BE 202005501 A 20200706
- DE 202020000557 U 20200210
- DE 202020103898 U 20200706
- AT 500232020 U 20200210
- AT 501372020 U 20200706

Abstract (en)
A first aspect of the present invention concerns a fire extinguishing nozzle comprising a mixing, a ventilation and a foaming chamber, wherein said ventilation chamber comprises a first hollow cylindrical body comprising at least three air inlet holes, said foaming chamber comprises a second hollow cylindrical body having an axial length (L) and an inner diameter (d), and said ventilation chamber and/or said foaming chamber comprise a mesh, wherein the ratio of the axial length over the inner diameter (L:d) is comprised between 4:5 and 9:5 for extinguishing class A fires, or between 6:1 and 10:1 for extinguishing class B fires. A second and third aspect respectively relate to a fire extinguisher comprising a fire extinguishing composition and a fire extinguishing nozzle, and to the use of a nozzle or fire extinguisher for extinguishing class A or class B fires.

IPC 8 full level
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CPC (source: EP)
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Citation (applicant)

- EP 3337576 A1 20180627 - FEUERSCHUTZ JOCKEL GMBH & CO KG [DE]
- FR 2303605 A1 19761008 - ROTVAND GEORGES [FR]
- US 4830790 A 19890516 - STEVENSON DOUGLAS E [CA]

Citation (search report)

- [XDI] FR 2303605 A1 19761008 - ROTVAND GEORGES [FR]
- [XDI] US 4830790 A 19890516 - STEVENSON DOUGLAS E [CA]
- [Y] GB 2294415 A 19960501 - WARNSTAR LTD [GB]
- [Y] WO 2017012601 A1 20170126 - FEUERSCHUTZ JOCKEL GMBH & CO KG [DE]
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- [A] US 5820027 A 19981013 - SZCZUREK NORBERT [US]
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EP4249084A1; FR3133763A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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