

Title (en)

Connection layout for a fire extinguisher using high-pressure water mist and procedure for extinguishing indoor fires

Title (de)

Anschlussplan für einen Wassernebelhochdruckfeuerlöscher und Vefahren um Innenraumbrände zu löschen

Title (fr)

Agencement de connection pour un extincteur utilisant de la brume d'eau sous haute pression et procédé d'extinction de feu en intérieur

Publication

EP 2939714 A3 20160120 (EN)

Application

EP 14195887 A 20141202

Priority

HU P1400215 A 20140428

Abstract (en)

[origin: EP2939714A2] The invention relates to a connection layout for a fire extinguisher using high-pressure water mist for extinguishing indoor fires, where the fire detector, the alarm unit, the sound alarm unit, and the light alarm unit is connected to the central alarm unit through electric cables, and a pump unit that moves the water from the water tank to the sprinklers is connected through pipes, and a pressure meter is installed between the pipe and the pump, and the pump unit is connected to the battery or the network power source through an electric cable. The pump aggregate containing the electric motor is connected to the battery through a frequency changer, a switch, an integrated extinguishing control mechanism, and the pressure regulator, and the pump aggregate is connected to a high-pressure mist extinguisher, fitted with sprinklers, and the pipe is fitted with a safety valve.

IPC 8 full level

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CPC (source: EP HU)

A62C 35/00 (2013.01 - HU); **A62C 35/64** (2013.01 - EP); **A62C 37/50** (2013.01 - HU); **A62C 99/0072** (2013.01 - EP); **F04D 15/00** (2013.01 - HU)

Citation (search report)

- [XAI] CN 201022920 Y 20080220 - BEIJING HAIAN GAOKE FIRE FIGHT [CN]
- [A] GB 2486959 A 20120704 - MUSK KEVIN ALAN LESLEY [GB], et al
- [A] US 2005199748 A1 20050915 - HEIL JOEL C [US], et al

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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

Designated extension state (EPC)

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DOCDB simple family (application)

EP 14195887 A 20141202; HU 1800204 U 20140428; HU P1400215 A 20140428