

Title (en)

Method for manufacturing an element of a fire protection network using automatic sprinklers and associated element

Title (de)

Verfahren zum Erstellen eines Elements eines Brandschutznetzes mit Hilfe von Regnern, und entsprechendes Element

Title (fr)

Procédé de réalisation d'un élément de réseau de protection contre l'incendie par asperseurs et élément associé

Publication

EP 2253354 B1 20191106 (FR)

Application

EP 10163322 A 20100519

Priority

FR 0953340 A 20090519

Abstract (en)

[origin: EP2253354A1] The element has a metal pipe (10) for transporting water, and a series of sprinklers (20), each comprising a threaded base (22) and a sprinkling head (21). The pipe is formed of a closed cylindrical wall (11) provided with a series of sockets (12) formed from a material by deformation of the wall. The sockets tightly assemble the bases of sprinklers. A series of raising rings is placed between the sprinkler and the respective socket of the pipe, so as to limit penetration of the bases into an inner space of the pipe. The bases have chosen axial length for limited penetration into the space. Independent claims are also included for the following: (1) a method of manufacturing a pipe for a protection system against fire by sprinklers (2) a method of manufacturing a protection network that protects against fire by sprinklers.

IPC 8 full level

A62C 35/68 (2006.01); **B21C 37/29** (2006.01); **B21J 5/06** (2006.01)

CPC (source: EP)

A62C 35/68 (2013.01); **B21C 37/298** (2013.01); **B21J 5/066** (2013.01)

Citation (examination)

- DE 3343521 A1 19850613 - SCHLATTER GMBH [DE]
- US 1906953 A 19330502 - ENGHAUSER WINFORD L

Cited by

US2021370372A1; US12070782B2

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 SE SI SK SM TR

DOCDB simple family (publication)

EP 2253354 A1 20101124; **EP 2253354 B1 20191106**; DK 2253354 T3 20200217; ES 2763241 T3 20200527; FR 2945751 A1 20101126; FR 2945751 B1 20130426; PL 2253354 T3 20200518; PT 2253354 T 20200117

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