

Title (en)

Penetration device for use in fire-fighting operations, in particular in the context of airport rescue

Title (de)

Penetrationsvorrichtung zur Verwendung bei Brandlöscharbeiten, insbesondere im Kontext einer Flughafenrettung

Title (fr)

Dispositif de pénétration pour utilisation dans la lutte contre les incendies, en particulier dans le contexte de sauvetage d'aéroport

Publication

EP 2923738 B1 20170125 (EN)

Application

EP 14162343 A 20140328

Priority

EP 14162343 A 20140328

Abstract (en)

[origin: EP2923738A1] Penetration device (P) for use in fire-fighting operations, in particular in the context of airport rescue, comprising a fixed member (FP) suitable to be associated with a tip of a arm or of a boom (15), and a member partially tapered and slidingly movable (MC) with respect to said fixed member in order to penetrate a wall of a body, for injecting a fire-retardant and/or fire-extinguishing medium within said body, wherein the fixed member (FP) comprises a hollow tubular outer member (OC) and the movable member (MC) comprises also a hollow tubular portion, coaxially arranged within the outer member; the fixed member (FP) comprising an inner hollow tubular member (IM) fixed with the outer hollow tubular member (OC) and arranged so as the movable member is interposed between the inner and outer members (IC, OC), the inner and outer members (IC, OC) both defining a sliding guide for the movable portion (MC).

IPC 8 full level

A62C 27/00 (2006.01); **A62C 31/22** (2006.01)

CPC (source: CN EP RU)

A62C 27/00 (2013.01 - CN EP RU); **A62C 31/22** (2013.01 - CN EP RU)

Cited by

AT523484A1; AT523484B1; WO2021146763A1; DE102022120986A1; TWI673084B

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

DOCDB simple family (publication)

EP 2923738 A1 20150930; EP 2923738 B1 20170125; BR 112016022446 A2 20170815; BR 112016022446 B1 20220118; CA 2943158 A1 20151001; CA 2943158 C 20220412; CN 106232185 A 20161214; CN 106232185 B 20190222; ES 2621735 T3 20170705; RU 2016141922 A 20180428; RU 2016141922 A3 20180926; RU 2674509 C2 20181211; WO 2015145398 A1 20151001

DOCDB simple family (application)

EP 14162343 A 20140328; BR 112016022446 A 20150327; CA 2943158 A 20150327; CN 201580016905 A 20150327; ES 14162343 T 20140328; IB 2015052282 W 20150327; RU 2016141922 A 20150327