

Title (en)

FOAM FORMER AND FOAM SPRINKLER

Title (de)

SCHAUMBILDER UND SCHAUMSPRINKLER

Title (fr)

GÉNÉRATEUR DE MOUSSE ET GICLEUR DE MOUSSE

Publication

EP 3595781 A1 20200122 (DE)

Application

EP 18720772 A 20180312

Priority

- CH 3152017 A 20170315
- IB 2018051619 W 20180312

Abstract (en)

[origin: WO2018167638A1] The invention relates to an optimized foam former (1) for foaming a foam-water concentrate, which foam former consists of a curved grate having diamond-shaped openings (13) and sharp edges (12). The structure of the foam former increases the foam formation and ensures uniform distribution of the foam over a large area. Existing water sprinklers having a nozzle (3) and a spray disk (2) can be provided with the foam former (1) and thus converted into foam sprinklers in a simple manner. The foam former (1) is arranged in such a way that the foam former (1) protrudes beyond the spray disk (2) toward the nozzle (3).

IPC 8 full level

A62C 31/12 (2006.01); **A62C 5/02** (2006.01); **B05B 7/00** (2006.01)

CPC (source: CH EP RU US)

A62C 5/02 (2013.01 - CH); **A62C 31/12** (2013.01 - CH EP RU US); **B05B 7/0018** (2013.01 - CH); **B05B 7/0062** (2013.01 - EP US)

Citation (search report)

See references of WO 2018167638A1

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)

BA ME

DOCDB simple family (publication)

WO 2018167638 A1 20180920; CH 713571 A1 20180928; CN 110709140 A 20200117; CN 110709140 B 20220503; EP 3595781 A1 20200122; RU 2019132416 A 20210415; RU 2019132416 A3 20210706; RU 2763811 C2 20220111; US 11351407 B2 20220607; US 2020023216 A1 20200123

DOCDB simple family (application)

IB 2018051619 W 20180312; CH 3152017 A 20170315; CN 201880017786 A 20180312; EP 18720772 A 20180312; RU 2019132416 A 20180312; US 201816493997 A 20180312