

Title (en)

USE OF A SIEVE AND METHOD TO CREATE FOAM

Title (de)

VERWENDUNG EINES KÄFIGS UND VERFAHREN ZUR ERZEUGUNG VON LÖSCHSCHAUM

Title (fr)

UTILISATION D'UN TAMIS ET PROCÉDÉ POUR PRODUIRE DE LA MOUSSE

Publication

EP 3266503 B1 20191016 (DE)

Application

EP 17177762 A 20170626

Priority

DE 102016212391 A 20160707

Abstract (en)

[origin: CN107583221A] The invention relates to a foam water sprinkler with a cage in which extinguishing foam is generated by extinguishing fluid containing a foaming agent. The sprinkler includes an extinguishing fluid outlet and a sprinkling disc opposite to the extinguishing fluid outlet along an axial direction, the sprinkling disc has a base plane and an outer diameter, and a cylindrical gap formed between the base plane of the sprinkling disc and the extinguishing fluid outlet, the diameter of the gap corresponds to the outer diameter of the sprinkling disc and the height of the gap departs from the midpoint of the base plane and corresponds to an interval from the extinguishing fluid outlet. The cage has sieve pores whose diameters are between 1mm and 7mm and/or grid holes whose width is between 1mm and 7mm and whose length is between 2mm and 9mm. In addition, the cage has such a size that allows the gap to be wrapped with height and width along a radial direction, the height is at least 0.20 time of the outer diameter of the sprinkling disc, and the inner diameter of the cage has alternative non-circular minimum interval between opposite inner sides of the cage, and at least corresponds to the outer diameter of the sprinkling disc at the height of the sprinkling disc.

IPC 8 full level

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CPC (source: EP RU US)

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DOCDB simple family (publication)

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