

Title (en)

Foam producing nozzle for fire extinguishing apparatus

Title (de)

Schaumhervorbringende Düse für eine Feuerlöschvorrichtung

Title (fr)

Tête de génération et de projection de mousse, notamment pour un appareil extincteur d'incendie

Publication

EP 0829275 A1 19980318 (FR)

Application

EP 97420153 A 19970828

Priority

FR 9610805 A 19960830

Abstract (en)

The head, made with a divergent outlet (35) for the foam product, has at least two channels (36) which are fed with the fluid to be converted into foam. The channels are spaced evenly round the circumference of the head, and end at walls (37) lying perpendicular to the direction of ejection, emerging through apertures (38) at the base of the outlet (35) opposite a central boss (39) which is designed to cause the fluid flows to collide. The head is made from a moulded synthetic material with a conical outlet diverging in the direction in which the foam is ejected. It is basically in the shape of a bush with two inner conical ends, and a central section with the channels, walls and central boss which is rounded, especially hemispherical, in shape.

Abstract (fr)

Cette tête (1) comprend une tubulure (35) de diffusion de la mousse produite. Selon l'invention, elle comprend, en outre : au moins deux conduits (36) d'amenée du fluide destiné à mousser, régulièrement répartis sur la circonférence de la tête (1), ces conduits (36) se terminant au niveau de leur extrémité de sortie par des parois (37) orientées sensiblement perpendiculairement à la direction de projection de la mousse, et débouchant dans la base de la tubulure (35) par des ouvertures (38) situées au même niveau les unes des autres, et un bossage (39) situé en face de ces ouvertures (38). <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [A] GB 2171615 A 19860903 - CALMAR INC
- [A] US 2527891 A 19501031 - PULVER ROY G, et al
- [A] GB 633862 A 19491230 - NU SWIFT LTD, et al

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