

Title (en)
HIGH-PRESSURE ATOMISER NOZZLE, LANCE INCLUDING THIS NOZZLE AND FIRE EXTINGUISHING SYSTEM INCLUDING THIS LANCE

Title (de)
HOCHDRUCKZERSTÄUBERDÜSE, LANZE MIT DIESER DÜSE UND FEUERLÖSCHSYSTEM MIT DIESER LANZE

Title (fr)
BUSE DE PULVÉRISATION À HAUTE PRESSION, LANCE AVEC CETTE BUSE ET SYSTÈME D'EXTINCTION D'INCENDIE AVEC CETTE LANCE

Publication
EP 3981475 B1 20231108 (EN)

Application
EP 21198311 A 20210922

Priority
IT 202000023587 A 20201007

Abstract (en)
[origin: EP3981475A1] An atomiser nozzle which can be fluidically connected with means for supplying a high-pressure liquid (L) comprising an inlet (11) for the high-pressure liquid (L), an outlet (17) for the spray of atomised liquid and a fluidic connection line (10) extending between them. The fluidic connection line (10) comprises at least one first duct (14) fluidically connected with said inlet (11), an operating chamber (16) arranged downstream of said at least a first duct (12) and a plurality of first openings (15) for fluidically connecting the duct (14) and the operating chamber (16) configured so that the liquid (L) flowing out from the former (14) flows into the latter (16). The operating chamber (16) comprises a single outlet opening (17) with small section so that the liquid (L) flowing out therefrom is atomised liquid.

IPC 8 full level
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CPC (source: EP)
A62C 17/00 (2013.01); **A62C 31/02** (2013.01); **A62C 99/0072** (2013.01)

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