

Title (en)
MICRO-PERFORATED CHANNEL FOR AIR DISTRIBUTION

Title (de)
MIKROPERFORIERTER KANAL FÜR DIE LUFTVERTEILUNG

Title (fr)
CANAL MICRO-PERFORÉ POUR LA DISTRIBUTION DE L'AIR

Publication
EP 3896357 A1 20211020 (EN)

Application
EP 21168801 A 20210416

Priority
IT 202000008260 A 20200417

Abstract (en)
Micro-perforated channel (100, 101) for air distribution having a plurality of tube pieces (10) stably connected to each other, a plurality of holes (11) and an antibacterial inner coating, said micro-perforated channel (100, 101) further having a density of the plurality of holes (11) between 5% and 10% of the entire surface of the channel (100, 101) micro-perforated so as to allow the generation of turbulent motions inside the channel (100, 101) and at the same time keeping intact the characteristics of the antibacterial coating to prevent the rooting of impurities and bacteria.

IPC 8 full level
F24F 13/06 (2006.01); **F24F 13/02** (2006.01)

CPC (source: EP)
F24F 13/06 (2013.01); **F24F 13/0254** (2013.01); **F24F 2013/0608** (2013.01)

Citation (search report)

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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

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