

Title (en)

DIFFUSION UNIT FOR THE AIR-CONDITIONING OF AN INDOOR ENVIRONMENT

Title (de)

DIFFUSIONEINHEIT ZUR KLIMATISIERUNG EINES INNENRAUMS

Title (fr)

UNITÉ DE DIFFUSION D'AIR POUR LE CONDITIONNEMENT D'AIR DANS UN ENVIRONNEMENT INTÉRIEUR

Publication

**EP 3286502 B1 20231018 (EN)**

Application

**EP 16719914 A 20160415**

Priority

- IT VR20150064 A 20150420
- IB 2016052156 W 20160415

Abstract (en)

[origin: WO2016170456A1] A diffusion unit (U) for summer and/or winter air-conditioning of indoor environments comprises a frame (2) suitable to be mounted on wall; a monocoque bodysheIl structure (3) suitable to be attached to said frame (2), said monocoque bodysheIl structure (3) being entirely made of polystyrene or equivalent material; heat exchanger means (4) suitable to be supported by said bodysheIl structure (3) and enclosed by said monocoque structure (3) without outwards heat dispersion areas, said exchanger means (4) comprising at least one exchanger (4) with microchannel technology using water (monophase fluid); ventilating means (7) and filtering means (10); and an outer protecting and covering structure (S) provided at the front with a array (G) of holes (F) for air-conditioned diffusion.

IPC 8 full level

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CPC (source: EP US)

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