

Title (en)
INDOOR AIR-CONDITIONING UNIT

Title (de)
KLIMAANLAGENEINHEIT FÜR INNENRÄUME

Title (fr)
UNITÉ DE CLIMATISATION D'AIR INTÉRIEURE

Publication
EP 3537056 B1 20230222 (EN)

Application
EP 19161427 A 20190307

Priority
IT 201800003335 A 20180307

Abstract (en)
[origin: EP3537056A1] Air-conditioning unit (1) comprising: a box-like container (2) adapted to receive at inlet an air flow (f) from an external aeraulic source; and at least one heat exchanger (4) that is adapted to be crossed by a heat-transfer fluid, and skimmed over said box-like container (2) so as to form/ delimit, on the side of the box-like container (2), a corresponding gap (5); the box-like container (2) being moreover provided with a series of air-outlet openings (6) that are adapted to direct, inside said gap (5), corresponding air jets (g) adapted to create an additional convective motion that drives the ambient air through the heat exchanger (4); the air-conditioning unit (1) furthermore comprising a series of converging nozzles (10), each of which joins to a respective air-outlet opening (6) to reduce the pressure drops of the air flowing out from the box-like container (2) through the same air-outlet opening (6).

IPC 8 full level
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