Title (en)
MODULAR AIR GUIDING ASSEMBLY

Title (de)
MODULARE LUFTFÜHRUNGSANORDNUNG

Title (fr)
ENSEMBLE MODULAIRE DE GUIDAGE D'AIR

Publication
EP 4242536 A1 20230913 (EN)

Application
EP 22161653 A 20220311

Priority
EP 22161653 A 20220311

Abstract (en)
Modular air guiding assembly (1) for a heating device (2), in particular for a heat pump, the heating device (2) having an heat exchanger (3) and at least a fan element (4) arranged in an internal space (17) defined at least in part by an external casing (18), wherein the assembly (1) comprises a plurality of components (5, 6, 7, 8) configured to be assembled together in one or more assembled configurations and to be disassembled in a disassembled configuration to form at least a seat (9, 10, 23) for the fan element (4) and an air duct (11) between the heat exchanger (3) and each of the at least two fan elements (4) and wherein the assembly (1), in particular is made of a polymeric material, in particular of foam plastic, more particularly of polypropylene expanded (PPE) or expanded polystyrene (EPS), and, is placeable in the internal space (17) of the heating device (2) between the external casing (18) and the heat exchanger (3).

IPC 8 full level
F24F 1/06 (2011.01); **F24F 1/38** (2011.01); **F24F 1/56** (2011.01); **F24H 4/06** (2006.01); **F24H 9/02** (2006.01)

CPC (source: EP)
F24F 1/06 (2013.01); **F24F 1/38** (2013.01); **F24F 1/56** (2013.01); **F24H 4/06** (2013.01); **F24H 9/02** (2013.01)

Citation (search report)
- [XAYI] US 2019154299 A1 20190523 - JEWELL ROBERT WILLIAM [US], et al
- [Y] US 2019003737 A1 20190103 - HICKEY ROB [US], et al
- [I] WO 2019193573 A1 20191010 - ZEHNDER GROUP INT AG [CH], et al

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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KH MA MD TN

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