

Title (en)
DUAL FLOW VENTILATION UNIT WITH TILTED FANS

Title (de)
DOPPELSTROM-BELÜFTUNGSEINHEIT MIT GENEIGTEN LÜFTERN

Title (fr)
UNITÉ DE VENTILATION À DOUBLE FLUX AVEC VENTILATEURS INCLINÉS

Publication
EP 4343223 A1 20240327 (EN)

Application
EP 23198945 A 20230921

Priority
NL 2033091 A 20220921

Abstract (en)
The invention provides a dual-flow ventilation unit (10) for extracting exhaust air from at least one room and blowing fresh air into said at least one room, said dual-flow ventilation unit (10) having a casing (12) comprising a first and a second main walls (22, 24) opposite each other and a plurality of lateral walls (26, 28) extending between said first and second main walls, said casing comprising:- a thermal exchanger (42),- a first (21) and a second (17) flow circuits extending at least partially through the thermal exchanger (42),- ventilation means for moving air through said first and second flow circuits, said ventilation means comprising a fan comprising a fan air inlet for sucking air through the first flow circuit, characterized in that said fan air inlet is at least partially oriented towards said exchanger air outlet.

IPC 8 full level
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CPC (source: EP)
F24F 12/006 (2013.01); **F24F 2013/205** (2013.01)

Citation (search report)

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