

Title (en)
HEAT EXCHANGER UNIT

Title (de)
WÄRMETAUSCHEREINHEIT

Title (fr)
UNITÉ D'ÉCHANGEUR DE CHALEUR

Publication
EP 3081877 A1 20161019 (EN)

Application
EP 15164037 A 20150417

Priority
EP 15164037 A 20150417

Abstract (en)
Heat exchanger unit comprising: a casing (2) having a duct to be flown through by a fluid, a fan (20) disposed in the casing and configured to induce a flow of the fluid through the duct in a flow direction (F), a heat exchanger (5) being V-shaped in side view with an apex (8) at one end and an opening (12) at the opposite end, the heat exchanger being disposed in the duct with the apex directed towards the flow direction, wherein a line (CL) of the V-shaped heat exchanger in the side view and passing the apex extends horizontally, wherein the fan is disposed downstream of the heat exchanger in the flow direction.

IPC 8 full level
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CPC (source: EP US)
F24F 1/0022 (2013.01 - EP); **F24F 1/0063** (2019.01 - EP US); **F24F 1/0067** (2019.01 - EP US); **F24F 1/18** (2013.01 - EP); **F24F 13/20** (2013.01 - EP); **F24F 13/22** (2013.01 - EP); **F24F 13/30** (2013.01 - EP); **F24F 2013/242** (2013.01 - EP)

Citation (applicant)
• EP 2108897 A1 20091014 - HITACHI APPLIANCES INC [JP]
• EP 2402669 A2 20120104 - SANYO ELECTRIC CO [JP]

Citation (search report)
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• [XY] WO 2008136333 A1 20081113 - DAIKIN IND LTD [JP], et al
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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)
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