

Title (en)
INDUCTION UNIT FOR UNITING AIR FLOWS

Title (de)
INDUKTIONSEINHEIT ZUR ZUSAMMENFÜHRUNG VON LUFTSTRÖMEN

Title (fr)
UNITÉ D'INDUCTION POUR UNIR DES FLUX D'AIR

Publication
EP 2382423 A1 20111102 (EN)

Application
EP 09838971 A 20091223

Priority
• SE 2009051499 W 20091223
• SE 0950029 A 20090126

Abstract (en)
[origin: WO2010085194A1] The invention relates to an induction unit for uniting air flows, comprising at least one induction duct (21) coordinated with a primary air duct (30) and having an upstream end and a downstream end and a straight reference line (A) passing through the ends, and at least one first opening (28) for a primary air flow (F1), connected to the primary air duct (30) and opening with concurrent flow into the induction duct (21). The induction duct (21) has a secondary air intake (22) for the intake of a secondary air flow (F2) from a space surrounding the induction unit and an outlet (24) designed to return an air flow (F3) resulting from the primary air flow and the secondary air flow to the space surrounding the induction unit. The secondary air intake (22) is arranged at the upstream end of the induction duct (21) and is directed substantially parallel to the center line (A) thereof.

IPC 8 full level
F24F 1/01 (2011.01); **F24F 13/26** (2006.01)

CPC (source: EP SE US)
F24F 1/01 (2013.01 - EP SE US); **F24F 13/26** (2013.01 - EP SE US)

Designated contracting state (EPC)
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 SE SI SK SM TR

DOCDB simple family (publication)
WO 2010085194 A1 20100729; AU 2009338225 A1 20110811; CN 102292600 A 20111221; CN 102292600 B 20140108;
EP 2382423 A1 20111102; EP 2382423 A4 20121121; EP 2382423 B1 20181024; NZ 594194 A 20130927; SE 0950029 A1 20100727;
SE 533440 C2 20100928; US 2012015600 A1 20120119

DOCDB simple family (application)
SE 2009051499 W 20091223; AU 2009338225 A 20091223; CN 200980155406 A 20091223; EP 09838971 A 20091223;
NZ 59419409 A 20091223; SE 0950029 A 20090126; US 200913144052 A 20091223