

Title (en)
FAN FRAME AND FAN MODULE

Title (de)
LÜFTERZARGE UND LÜFTERMODUL

Title (fr)
CHÂSSIS DE VENTILATEUR ET MODULE DE VENTILATEUR

Publication
EP 2971632 B1 20161228 (DE)

Application
EP 14710840 A 20140311

Priority
• DE 102013204069 A 20130311
• EP 2014054700 W 20140311

Abstract (en)
[origin: WO2014140012A1] The present invention relates to a fan frame for a plurality of fan modules, particularly for a radiator of a motor vehicle, comprising a first fan holder having a first outflow region, at least one further fan holder having a further outflow region, and an intermediate region that connects adjoining edge regions of the first and the further fan holders (2, 3) to each other. The fan frame is characterised in that a shielding device, which separates the first and a further outflow region from each other, is provided in the intermediate region. The present invention further relates to a fan module, particularly having such a fan frame.

IPC 8 full level
F01P 5/02 (2006.01); **F01P 11/10** (2006.01)

CPC (source: EP US)
F01P 1/06 (2013.01 - US); **F01P 5/02** (2013.01 - EP US); **F01P 11/10** (2013.01 - EP US); **F04D 19/002** (2013.01 - US); **F04D 29/522** (2013.01 - US); **F01P 2005/025** (2013.01 - EP US)

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

DOCDB simple family (publication)
DE 102013204069 A1 20140911; DE 102013204069 B4 20201001; CN 105051346 A 20151111; CN 105051346 B 20171226; EP 2971632 A1 20160120; EP 2971632 B1 20161228; ES 2617618 T3 20170619; PL 2971632 T3 20170831; US 10539152 B2 20200121; US 2016017893 A1 20160121; WO 2014140012 A1 20140918

DOCDB simple family (application)
DE 102013204069 A 20130311; CN 201480013951 A 20140311; EP 14710840 A 20140311; EP 2014054700 W 20140311; ES 14710840 T 20140311; PL 14710840 T 20140311; US 201414774349 A 20140311