

Title (en)

Ventilation device that can be inserted in a tile roof

Title (de)

In ein mit Dachsteinen eingedecktes Dach einsetzbare Lüftungsvorrichtung

Title (fr)

Dispositif d'aération insérable dans un toit revêtu de tuiles

Publication

EP 2492411 B1 20160203 (DE)

Application

EP 12154694 A 20120209

Priority

DE 102011000944 A 20110225

Abstract (en)

[origin: EP2492411A2] The ventilation device has a roofing plate (1) to which a mandrel (2) is connected. The mandrel is swingable with respect to a roof pitch hood (3). An air outlet opening (8) is provided at upper tube section (4) of ventilation pipe that is mounted in roof pitch hood. An air inlet opening (9) is provided at lower tube section (5) of pipe. A flexible section (7) is provided between upper tube section and lower tube section. A connection element (10) is arranged at lower tube section of pipe and is arranged perpendicular with respect to a rafter (12) provided on a roof substructure (13).

IPC 8 full level

E04D 1/30 (2006.01); **E04D 13/147** (2006.01); **F24F 7/02** (2006.01)

CPC (source: EP US)

E04D 1/30 (2013.01 - EP US); **E04D 13/1471** (2013.01 - EP); **E04D 13/1476** (2013.01 - EP); **E04D 2001/307** (2013.01 - EP US); **F24F 7/02** (2013.01 - EP)

Cited by

CN105863181A; CN109578701A; FR2997712A1; EP2728084A3; EP3679203A4; US10988934B2; IL254627B1; IL254627B2; WO2014120048A1; EP2728084A2

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)

EP 2492411 A2 20120829; **EP 2492411 A3 20121107**; **EP 2492411 B1 20160203**; DE 102011000944 A1 20120830; PL 2492411 T3 20160630

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