

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 A3 20121107 (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); **E04D 13/17** (2006.01); **F16L 21/00** (2006.01); **F16L 25/00** (2006.01); **F24F 7/00** (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)

Citation (search report)

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- [A] DE 20006070 U1 20000817 - SCHNORR MARIN [DE]
- [AD] DE 8227425 U1 19830105
- [A] WO 2009153394 A1 20091223 - SK TUOTE OY [FI], et al
- [A] US 2003066254 A1 20030410 - DEBLOCK DAVID A [US]

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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)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 12154694 A 20120209; DE 102011000944 A 20110225; PL 12154694 T 20120209