

Title (en)

Mechanical ventilation facility by moisture-adjusted insufflation and associated method

Title (de)

Mechanische Belüftungsinstallation durch feuchtigkeitsregulierte Belüftung, und zugehöriges Verfahren

Title (fr)

Installation de ventilation mécanique par insufflation hygrorégulée et procédé associé

Publication

EP 2442041 B1 20170712 (FR)

Application

EP 11184678 A 20111011

Priority

- FR 1058317 A 20101013
- FR 1159086 A 20111007

Abstract (en)

[origin: EP2442041A1] The installation has an air insufflation chamber (2) including an air inlet duct (21) connected to air inlet channels. Each channel is connected to outer air inlet nozzles (10, 11) captured in different locations at an outer side of a premise (22) to be ventilated. Tilttable flaps (9) ensure admission of air issued from the nozzles to the air inlet duct depending on temperature and/or humidity of the captured outside air in order to minimize intake of outside air having absolute humidity greater than absolute humidity of the indoor air of the premise. An independent claim is also included for a method for mechanical ventilation of a premise.

IPC 8 full level

F24F 11/00 (2006.01); **F24F 11/76** (2018.01)

CPC (source: EP US)

F24F 11/0001 (2013.01 - EP); **F24F 11/70** (2017.12 - EP); **F24F 11/77** (2017.12 - EP US); **F24F 11/30** (2017.12 - EP); **F24F 2110/10** (2017.12 - EP); **F24F 2110/12** (2017.12 - EP); **F24F 2110/20** (2017.12 - EP); **F24F 2110/22** (2017.12 - EP); **F24F 2221/34** (2013.01 - EP)

Cited by

CN107449096A; EP3118529A1; FR3038967A1

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 2442041 A1 20120418; EP 2442041 B1 20170712; ES 2643149 T3 20171121; FR 2966227 A1 20120420; FR 2966227 B1 20121228

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EP 11184678 A 20111011; ES 11184678 T 20111011; FR 1159086 A 20111007