

Title (en)
Protection device for a wall

Title (de)
Wandschutzvorrichtung

Title (fr)
Dispositif de protection d'une paroi

Publication
EP 2111492 B1 20111102 (FR)

Application
EP 07700664 A 20070123

Priority
IB 2007050223 W 20070123

Abstract (en)
[origin: WO2008090421A1] The "heat- and wind-screen for the building industry" is an original and economical concept that increases comfort inside buildings subject to strong solar radiation. It comprises cladding the roof and/or the walls with perforated metal sheets and using spacers having an original design and disposition. The investment is low due to the proposed mounting mode and the low cost of the materials used. Savings can then be achieved by reducing the energy consumption for the air-conditioning of the building. The structure of the "heat- and wind screen for the building industry" induces important load losses for the winds on their path about the building and the building it covers exhibits a better resistance to strong winds. The "description" section successively contains the description of the device, the physical properties used, the performance measured on a model and an experimental house, a mounting technique, and a proposal for modelling the action of winds in order to justify the care to be taken when finishing the mounting of ridge tiles.

IPC 8 full level
E04D 13/00 (2006.01); **E04D 13/17** (2006.01); **E04F 10/08** (2006.01); **E04F 13/12** (2006.01); **E04H 9/14** (2006.01); **E06B 9/24** (2006.01)

CPC (source: EP KR US)
E04B 7/18 (2013.01 - KR); **E04D 3/40** (2013.01 - KR); **E04D 5/04** (2013.01 - KR); **E04D 13/00** (2013.01 - EP US); **E04D 13/17** (2013.01 - EP US); **E04F 10/005** (2013.01 - EP US); **E04F 10/08** (2013.01 - EP US); **E04F 13/12** (2013.01 - EP US)

Cited by
WO2016162610A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2008090421 A1 20080731; AT E531868 T1 20111115; AU 2007344906 A1 20080731; BR PI0721181 A2 20130122; CN 101668909 A 20100310; CN 101668909 B 20120718; CR 10988 A 20091120; EP 2111492 A1 20091028; EP 2111492 B1 20111102; JP 2010516926 A 20100520; KR 20100014839 A 20100211; MX 2009007806 A 20100129; US 2011030286 A1 20110210

DOCDB simple family (application)
IB 2007050223 W 20070123; AT 07700664 T 20070123; AU 2007344906 A 20070123; BR PI0721181 A 20070123; CN 200780052324 A 20070123; CR 10988 A 20090821; EP 07700664 A 20070123; JP 2009546827 A 20070123; KR 20097017647 A 20070123; MX 2009007806 A 20070123; US 52428007 A 20070123