

Title (en)
PHOTOVOLTAIC SOLAR ROOF

Title (de)
FOTOVOLTAIK-SOLARDACH

Title (fr)
TOIT SOLAIRE PHOTOVOLTAÏQUE

Publication
EP 2232584 A1 20100929 (EN)

Application
EP 07856605 A 20071212

Priority
EP 2007010857 W 20071212

Abstract (en)
[origin: WO2009074167A1] The object of the present invention is a photovoltaic solar roof in which the photovoltaic panels comprise insulating and drainage slabs finished in a photovoltaic laminate, which rest on the roof by means of their base which comprises plates made from insulating material in such a way that there are no attachments which pass through the waterproofing system of the building roof, and with the central part provided with a layer of porous concrete through which water drains from any rainfall on the roof, in addition to other porous concrete slabs with an insulating base intercalated with photovoltaic solar slabs, such that wind suction force is reduced on the porous concrete slabs with an insulating base, preventing them from being lifted.

IPC 8 full level
H01L 31/048 (2006.01)

CPC (source: EP)
H02S 20/25 (2014.12); **Y02B 10/10** (2013.01); **Y02E 10/50** (2013.01)

Citation (search report)
See references of WO 2009074167A1

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
WO 2009074167 A1 20090618; BR PI0722208 A2 20140513; EP 2232584 A1 20100929; MA 31911 B1 20101201; MX 2010006252 A 20100910

DOCDB simple family (application)
EP 2007010857 W 20071212; BR PI0722208 A 20071212; EP 07856605 A 20071212; MA 32910 A 20100614; MX 2010006252 A 20071212