

Title (en)

PREFAB PANEL, MODULAR FAÇADE, AND MOUNTING METHOD THEREOF

Title (de)

VORGEFERTIGTES PANEEL, MODULARE FASSADE UND MONTAGEVERFAHREN DAFÜR

Title (fr)

PANNEAU PRÉFABRIQUÉ, FAÇADE MODULAIRE ET PROCÉDÉ DE MONTAGE ASSOCIÉ

Publication

EP 4386152 A1 20240619 (EN)

Application

EP 22383222 A 20221215

Priority

EP 22383222 A 20221215

Abstract (en)

The modular façade (2) is made of prefab panels (10) comprising: a frame structure (11) with: horizontal (12, 13) and vertical (15, 16) profiles; the prefab panel (10) further includes an outer cladding (19) attached to the frame structure (11) by attaching means (20). The horizontal (12, 13) and the vertical (14, 15) profiles have a matching shiplap (21) design; A method of mounting the modular façade (2) relies upon the steps of installing brackets (31) to a building structure, for levelling position of the prefab panels (10), and an anti-tipping element (33) in an upper part of the building structure, so that not very demanding lifting means, such as a small crane, suffices, for suspending subsequent adjacent prefab panels (10) from an upper storey (3).

IPC 8 full level

E04B 2/90 (2006.01)

CPC (source: EP US)

E04B 2/90 (2013.01 - EP); **E04F 13/0803** (2013.01 - US); **E04F 13/0889** (2013.01 - US)

Citation (search report)

- [I] JP 2010174437 A 20100812 - OTSUKA BANKIN KOGYO KK
- [I] FR 1241861 A 19600923 - ENTPR VILLAIN & CIE
- [I] GB 2108561 A 19830518 - GARTNER & CO J
- [A] EP 4079984 A1 20221026 - LIGNUM TECH S L U [ES]

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

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DOCDB simple family (application)

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