

Title (en)  
CLADDING FOR A MODULAR FRAME STRUCTURE

Title (de)  
VERKLEIDUNG FÜR EINE MODULARE RAHMENSTRUKTUR

Title (fr)  
PAREMENT POUR STRUCTURE DE CADRE MODULAIRE

Publication  
**EP 3402935 A1 20181121 (EN)**

Application  
**EP 16836097 A 20161223**

Priority  
• IT UB20169956 A 20160113  
• IB 2016057969 W 20161223

Abstract (en)  
[origin: WO2017122071A1] A cladding of a modular frame structure, of the type used for assembling complex frames (1) of buildings by means of interconnecting several module frames identifying an outer wall of the building, a plurality of intermediate floors formed by a floor and a ceiling, wherein each module frame has a substantially parallelepiped shape and it is identified by longitudinal (2), vertical (3) and transversal (4) beams joining at respective angles, comprising a plurality of connecting knots (5) joining module frames adjacent at said angles, or providing for the connection of the module frames to a flat basement or to a roof structure, allows, the assembling procedure being equal, a considerable freedom in selecting thicknesses and materials which adapt to a beam frame and metallic joints, by obtaining an overall homogeneous insulation, and it comprises: respective inner panels (9, 30) the edges thereof are wholly sustained inside said beams, comprising the overlapping of a pair of layers: a first bearing layer (91) facing outwards, and a second insulating thermal layer (92) facing inwards; outer panels (20) in contact with said inner panels (9) comprising a box-like reinforcement (21), with a filler (23) selected in relation to the use climatic area, which defines the inner face, having a compensation foil (24) made of compressible material, rested on an inner panel (9), and an outer face having a plurality of fastening pins (25) fixed in the wall of the reinforcement (21); and a flat element of outer finishing (26), forming an air gap (27).

IPC 8 full level  
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Citation (search report)  
See references of WO 2017122071A1

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