

Title (en)
Self-supporting calcium silicate panel and related prefabricated living module

Title (de)
Selbsttragende Kalziumsilikatplatte und vorgefertigte Wohneinheit

Title (fr)
Panneau autoportant en silicate de calcium et module d' habitation préfabriqué

Publication
EP 1637666 A3 20090715 (EN)

Application
EP 05425636 A 20050909

Priority
• IT PD20040230 A 20040915
• IT PD20040248 A 20041008

Abstract (en)
[origin: EP1637666A2] New self-supporting panel for the production of filler panels, coverings, walls, ceilings, floors, partitions etc., comprising one or more layers in calcium silicate produced in an autoclave, surface-treated with sodium silicate, and on which one or more surface layers are glued made of sheet metal or plastic or fibre, or any material able to provide the necessary resistance, and related prefabricated living module complete with walls, ceiling, floor, technical installations etc., all factory assembled, tested and sealed so that it can be loaded on transport vehicles.

IPC 8 full level
E04C 2/04 (2006.01); **E04C 2/38** (2006.01)

CPC (source: EP)
E04C 2/04 (2013.01); **E04C 2/296** (2013.01); **E04C 2/384** (2013.01)

Citation (search report)
• [X] WO 0069626 A1 20001123 - FREZZA S R L [IT], et al
• [X] EP 1070799 A2 20010124 - SOLDERA MATTEO [IT]
• [A] US 4649682 A 19870317 - BARRETT JR DAVE D [US]

Cited by
JP2024022686A; EP3366862A1; IT201800002668A1; CN112368454A; WO2018158231A1; WO2017137599A1; US10883269B2

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

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1637666 A2 20060322; EP 1637666 A3 20090715

DOCDB simple family (application)
EP 05425636 A 20050909