

Title (en)
MULTI-PURPOSE PREFABRICATED SLAB

Title (de)
VORGEFERTIGTE MEHRZWECKPLATTE

Title (fr)
FABRIQUÉ

Publication
EP 4123099 A1 20230125 (EN)

Application
EP 22183192 A 20220705

Priority
IT 202100017796 A 20210706

Abstract (en)
Prefabricated slab (10; 110) comprising a structure (12; 112) made of concrete and a reinforcement (14, 16, 18, 22, 24; 114, 116, 118, 122, 124), characterized in that it includes within it at least one lightening element (20; 120) made of paper and/or cardboard suitable for creating a volume of lower density than the structure (12; 112) made of concrete, within the prefabricated slab.

IPC 8 full level
E04C 2/04 (2006.01); **E04B 5/02** (2006.01); **E04C 2/00** (2006.01); **E04C 2/06** (2006.01); **E04C 2/288** (2006.01)

CPC (source: EP)
E04C 2/044 (2013.01); **E04C 2/06** (2013.01); **E04C 2/2885** (2013.01); **E04C 2/50** (2013.01); **E04C 2002/002** (2013.01)

Citation (search report)
• [X] EP 0857836 A2 19980812 - IMAZ ODRIUZOLA MIGUEL MARIA [ES]
• [I] US 6272805 B1 20010814 - RITTER KLAUS [AT], et al
• [I] CN 1337510 A 20020227 - QIU ZEYOU [CN]
• [X] BE 626689 A

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

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

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