

Title (en)
METHOD FOR MANUFACTURING CONCRETE ELEMENTS AND A CONCRETE ELEMENT MANUFACTURED ACCORDING TO THE METHOD

Title (de)
VERFAHREN ZUM HERSTELLEN VON BETONELEMENTEN UND NACH DIESEM VERFAHREN HERGESTELLTES BETONELEMENT

Title (fr)
ELEMENTS EN BETON ET PROCEDE DE FABRICATION

Publication
EP 0692050 A1 19960117 (EN)

Application
EP 93910488 A 19930330

Priority
• SE 9300268 W 19930330
• SE 9203033 A 19921015
• SE 9103042 A 19911018

Abstract (en)
[origin: WO9423143A1] A method of manufacturing insulated concrete elements (2) comprising at least one supporting concrete layer (6) and at least one insulation layer (12). Recesses (14) are made in the insulation layer to form channels (20), made by mechanical working, said working giving the interior of each channel a rough surface (22). Fresh concrete (25) is poured into a mould (24) which has been pre-equipped with reinforcement (28) to make the supporting concrete layer (6) and the insulation layer (12) is then pressed against the concrete in the mould. The concrete is made, through vibration, to fill out each channel (20) and after hardening, constitutes both the supporting concrete layer (6) and ridges (10), integral with the concrete layer, in each channel (20). The ridges serve as anchoring means for the insulation layer. The channel in cross section can be T-shaped, dovetailed, or U-shaped.

IPC 1-7
E04B 1/78

IPC 8 full level
B28B 11/04 (2006.01); **B28B 23/00** (2006.01); **E04B 1/78** (2006.01); **E04B 5/00** (2006.01); **E04B 5/02** (2006.01); **E04C 2/26** (2006.01); **E04C 2/288** (2006.01)

IPC 8 main group level
E04B (2006.01)

CPC (source: EP)
B28B 23/0062 (2013.01); **B28B 23/0075** (2013.01); **E04B 5/00** (2013.01); **E04B 5/04** (2013.01); **E04C 2/288** (2013.01)

Citation (search report)
See references of WO 9423143A1

Cited by
CN102356203A

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI NL PT SE

DOCDB simple family (publication)
WO 9423143 A1 19941013; AU 4095993 A 19941024; EP 0692050 A1 19960117; FI 954633 A0 19950929; FI 954633 A 19950929; NO 311773 B1 20020121; NO 953848 D0 19950928; NO 953848 L 19951016; SE 501752 C2 19950508; SE 9103042 D0 19911018; SE 9203033 D0 19921015; SE 9203033 L 19930419

DOCDB simple family (application)
SE 9300268 W 19930330; AU 4095993 A 19930330; EP 93910488 A 19930330; FI 954633 A 19950929; NO 953848 A 19950928; SE 9103042 A 19911018; SE 9203033 A 19921015