

Title (en)

SLAB-LIKE CONCRETE BLOCK, AS WELL AS PROCESS AND DEVICE FOR MANUFACTURING THE LATTER.

Title (de)

PLATTENFÖRMIGER BETON-FORMSTEIN SOWIE VERFAHREN UND VORRICHTUNG ZUM HERSTELLEN DESSELBEN.

Title (fr)

BLOC MOULE EN BETON EN FORME DE PLAQUE ET PROCEDE ET DISPOSITIF DE FABRICATION.

Publication

EP 0494919 B1 19940518

Application

EP 90914694 A 19901005

Priority

- DE 3933413 A 19891006
- EP 9001672 W 19901005

Abstract (en)

[origin: WO9105111A1] When concrete paving stones are used as a ground covering, the noise generated by traffic moving thereon constitutes a drawback. To reduce the propagation of noise, the invention proposes concrete blocks which are of a considerably larger format than the customary paving stones. The upper side of the concrete block consists of a sound-absorbing layer (13) of porous concrete. The underside of the concrete block is curved inwards so that the edge regions are more heavily loaded, thus ensuring stability. To channel the surface water away, the concrete block is provided at the sides with vertical slits (16) which are adjacent to the absorption layer (13) consisting of porous concrete.

IPC 1-7

E01C 5/06; **B28B 13/02**

IPC 8 full level

B28B 3/02 (2006.01); **B28B 13/02** (2006.01); **E01C 5/06** (2006.01); **E01C 11/22** (2006.01)

IPC 8 main group level

B28B (2006.01); **E01C** (2006.01)

CPC (source: EP US)

B28B 3/022 (2013.01 - EP US); **B28B 13/022** (2013.01 - EP US); **E01C 5/065** (2013.01 - EP US); **E01C 11/225** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE DK FR GB IT LI LU NL SE

DOCDB simple family (publication)

WO 9105111 A1 19910418; AT E105887 T1 19940615; AU 638498 B2 19930701; AU 6502990 A 19910428; CA 2067332 A1 19910407; DE 3933413 A1 19910411; DE 59005771 D1 19940623; DK 0494919 T3 19940926; EP 0494919 A1 19920722; EP 0494919 B1 19940518; FI 921483 A0 19920403; FI 921483 A 19920403; JP H05502919 A 19930520; NO 921316 D0 19920403; NO 921316 L 19920403; US 5281048 A 19940125

DOCDB simple family (application)

EP 9001672 W 19901005; AT 90914694 T 19901005; AU 6502990 A 19901005; CA 2067332 A 19901005; DE 3933413 A 19891006; DE 59005771 T 19901005; DK 90914694 T 19901005; EP 90914694 A 19901005; FI 921483 A 19920403; JP 51472290 A 19901005; NO 921316 A 19920403; US 84459992 A 19920519