

Title (en)

SET OF PAVING STONES, PROCESS AND DEVICE FOR PRODUCING THE SAME

Title (de)

PFLASTERSTEINSATZ SOWIE VERFAHREN UND VORRICHTUNG ZUM HERSTELLEN DESSELBEN

Title (fr)

ENSEMBLE DE PAVES ET PROCEDE ET DISPOSITIF POUR SA FABRICATION

Publication

**EP 0615566 B1 19960911 (DE)**

Application

**EP 92923755 A 19921120**

Priority

- DE 4138564 A 19911123
- EP 9202670 W 19921120

Abstract (en)

[origin: WO9310310A1] In lawn covers made of paving stones (10) mutually separated by a relatively large gap, the paving stones are linked to each other so as not to move in relation to each other by a holding grid (11) imbedded in the paving stones (10) and composed of traction-resistant branches, so that traction forces are transmitted and the paving stones (10) are mutually secured as a linked group of paving stones by the holding grid (11). The set of paving stones is produced in an essentially classical concrete stone mould. A moulding box (19) arranged on a bearing board (28) or draw plate (29) is horizontally subdivided along the horizontal plane (33), forming a top partial moulding box (34) and a bottom partial moulding box (35). The holding grid (11) is clamped between both partial moulding boxes during concreting. When a group of paving stones is ready, the bottom partial moulding box (35) withdrawn from the concrete stone mould. The finished product can then be removed as usual from the mould.

IPC 1-7

**E01C 5/08**; **E01C 9/00**; **B28B 23/00**

IPC 8 full level

**E01C 5/06** (2006.01); **B28B 7/00** (2006.01); **B28B 23/00** (2006.01); **B28B 23/02** (2006.01); **E01C 5/08** (2006.01); **E01C 9/00** (2006.01)

CPC (source: EP US)

**B28B 23/0012** (2013.01 - EP US); **B28B 23/022** (2013.01 - EP US); **E01C 5/08** (2013.01 - EP US); **E01C 9/004** (2013.01 - EP US); **E01C 2201/167** (2013.01 - EP US)

Cited by

CN105735082A

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 9310310 A1 19930527**; AT E142728 T1 19960915; AU 2944192 A 19930615; AU 669678 B2 19960620; CA 2124078 A1 19930527; CA 2124078 C 19981124; DE 4138564 A1 19930527; DE 59207142 D1 19961017; DK 0615566 T3 19970224; EP 0615566 A1 19940921; EP 0615566 B1 19960911; FI 942353 A0 19940520; FI 942353 A 19940520; JP H08502697 A 19960326; NO 941926 D0 19940524; NO 941926 L 19940524; US 5486066 A 19960123; US 5588775 A 19961231

DOCDB simple family (application)

**EP 9202670 W 19921120**; AT 92923755 T 19921120; AU 2944192 A 19921120; CA 2124078 A 19921120; DE 4138564 A 19911123; DE 59207142 T 19921120; DK 92923755 T 19921120; EP 92923755 A 19921120; FI 942353 A 19940520; JP 50900593 A 19921120; NO 941926 A 19940524; US 24410394 A 19940519; US 55628995 A 19950929