

Title (en)

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

Title (de)

PFLASTERSTEIN, BAUSATZ AUS PFLASTERSTEINEN UND VORRICHTUNG ZUM HERSTELLEN

Title (fr)

PAVE, JEU DE PAVES ET DISPOSITIF DE PRODUCTION CORRESPONDANT

Publication

EP 1027500 B1 20050713 (DE)

Application

EP 98950083 A 19980925

Priority

- DE 19747421 A 19971027
- EP 9806118 W 19980925

Abstract (en)

[origin: US6263633B1] The invention relates to horizontally and vertically linked paving stones (10). According to the invention, projections (18) and recesses (19) are provided in the area of the bottom part (16) of the paving stones (10) used for a paved surface in order to link said paving stones horizontally and vertically. These projections and recesses engage with each other with a positive fit so as to interlock adjacent stones in a horizontal and vertical direction. The paving stones (10) are characterised in that the width of the joints (32) formed between adjacent paving stones (10) increases in a downward direction so as to form a gap which diverges downwards. This means that the material used for filling the joints can be introduced efficiently and reliably as far as the underside.

IPC 1-7

E01C 5/00; E01C 5/06; B28B 7/00

IPC 8 full level

B28B 7/00 (2006.01); **E01C 5/00** (2006.01); **E01C 5/06** (2006.01)

CPC (source: EP US)

B28B 7/0064 (2013.01 - EP US); **B28B 7/0082** (2013.01 - EP US); **E01C 5/00** (2013.01 - EP US); **E01C 5/06** (2013.01 - EP US);
E01C 2201/02 (2013.01 - EP US); **E01C 2201/06** (2013.01 - EP US)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

US 6263633 B1 20010724; AT E299542 T1 20050715; AU 9628398 A 19990517; CA 2307228 A1 19990506; CA 2307228 C 20070522;
DE 19747421 A1 19990429; DE 59812925 D1 20050818; DK 1027500 T3 20051114; EP 1027500 A2 20000816; EP 1027500 B1 20050713;
ES 2245045 T3 20051216; WO 9922072 A2 19990506; WO 9922072 A3 19990715

DOCDB simple family (application)

US 53019900 A 20000426; AT 98950083 T 19980925; AU 9628398 A 19980925; CA 2307228 A 19980925; DE 19747421 A 19971027;
DE 59812925 T 19980925; DK 98950083 T 19980925; EP 9806118 W 19980925; EP 98950083 A 19980925; ES 98950083 T 19980925