

Title (en)

PAVING STONE HAVING STONE FLANKS ORIENTED PREFERABLY PERPENDICULAR TO THE LAYING PLANE

Title (de)

PFLASTERSTEIN MIT VORZUGSWEISE SENKRECHT ZUR VERLEGEEBENE AUSGERICHTETEN STEINFLANKEN

Title (fr)

PIERRE À PAVER DOTÉE DE FLANCS DE PIERRE ORIENTÉS DE PRÉFÉRENCE PERPENDICULAIREMENT AU PLAN DE POSE

Publication

**EP 2401432 B1 20141203 (DE)**

Application

**EP 10720601 A 20100518**

Priority

- EP 2010056796 W 20100518
- DE 102009022017 A 20090519

Abstract (en)

[origin: WO2010133582A2] The invention relates to a paving stone (1) having stone flanks (2) oriented preferably perpendicular to the laying plane. Composite elements (A, B, C, D) corresponding to composite elements (A, B, C, D) of a stone flank (2) of an adjacent paving stone (1) are formed at the stone flanks (2). At least two designs of composite elements A, B or C, D are provided, which differ at least in that the composite elements (C, D) of one design are elongated with respect to the composite elements (A, B) of the other design in a direction perpendicular to the stone flank (2). At least one composite element A, B or C, D of each design is formed at each stone flank (2). The composite elements (A, B, C, D) formed on the stone flanks (2) are arranged in a grid spacing such that each composite element (A, B, C, D) has a uniform horizontal distance to adjacent composite elements (A, B, C, D) of the same stone flank (2). At least two composite elements (C, D) are in each case offset in a mirror-inverted manner within the positions thereof between two composite elements A, B or a composite element A, B and a vertical stone edge (5) such that the composite elements C, D are arranged outside of the grid spacing. At least one composite element A, B arranged in the grid spacing is located between the composite elements C, D arranged offset.

IPC 8 full level

**E01C 5/06** (2006.01)

CPC (source: EP US)

**E01C 5/06** (2013.01 - EP US); **E01C 2201/02** (2013.01 - EP US)

Cited by

DE102022127333A1; WO2024083767A1; DE102022127331A1; WO2024083765A1

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 SE SI SK SM TR

DOCDB simple family (publication)

**WO 2010133582 A2 20101125; WO 2010133582 A3 20110714**; CA 2761058 A1 20101125; CA 2761058 C 20170905; DE 102009022017 B3 20101209; DK 2401432 T3 20150223; EP 2401432 A2 20120104; EP 2401432 B1 20141203; ES 2531413 T3 20150313; HR P20150226 T1 20150410; PL 2401432 T3 20150529; SI 2401432 T1 20150430; US 2012057933 A1 20120308; US 8616803 B2 20131231

DOCDB simple family (application)

**EP 2010056796 W 20100518**; CA 2761058 A 20100518; DE 102009022017 A 20090519; DK 10720601 T 20100518; EP 10720601 A 20100518; ES 10720601 T 20100518; HR P20150226 T 20150226; PL 10720601 T 20100518; SI 201030886 T 20100518; US 201013138995 A 20100518