

Title (en)

Pavement system

Title (de)

Straßenbelagsystem

Title (fr)

Système de pavage

Publication

EP 2385173 A1 20111109 (EN)

Application

EP 10162317 A 20100507

Priority

EP 10162317 A 20100507

Abstract (en)

The invention relates to a pavement system for forming a closed surface covering. The pavement system comprises plastic pavement tiles. A pavement tile comprises a substantially flat top cover layer with below said cover layer and a perimeter wall for providing support and for enclosing a perimeter boundary for the tile. A supporting wall structure between the perimeter wall comprises a multitude of ribs forming recurring units, the ribs having a height common with a height of the perimeter wall and provides support for a load imposed at the substantially flat top cover layer. A tile comprises at least one annular joint which forms a connection between ribs forming the boundary between at least two adjacent units.

IPC 8 full level

E01C 5/00 (2006.01); **E01C 5/20** (2006.01); **E01C 9/08** (2006.01); **E04F 15/10** (2006.01)

CPC (source: EP)

E01C 5/005 (2013.01); **E01C 5/20** (2013.01); **E01C 9/086** (2013.01); **E04F 15/02172** (2013.01); **E04F 15/10** (2013.01); **E04F 2201/0517** (2013.01)

Citation (applicant)

- EP 0204947 A2 19861217 - SECUPLAN BELAGTECHNIK GMBH [DE]
- US 2007261317 A1 20071115 - MOLLER JORGEN J JR [US]
- US 5787654 A 19980804 - DROST STEVE [US]

Citation (search report)

- [XYI] US 4917532 A 19900417 - HABERHAUER KARL [DE], et al
- [Y] GB 2458729 A 20091007 - MISTRY VINA [GB]
- [XI] DE 19600318 C1 19970430 - KNOEBEL GERD FRANZ [DE]
- [XI] JP H08144213 A 19960604 - GIFU PLASTIC IND CO LTD

Cited by

RU176127U1; IT201900006594A1; WO2022111761A1

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

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

EP 2385173 A1 20111109

DOCDB simple family (application)

EP 10162317 A 20100507