

Title (en)

Improved module for the construction of zebra crossings and/or anti-slip passage surfaces

Title (de)

Verbessertes Modul für den Aufbau von Zebrastreifen und/oder Antrirutsch-Uebergangsoberflächen

Title (fr)

Module amélioré pour la construction de passages pour piétons et/ou de surfaces de passage antidérapantes

Publication

**EP 2642026 A1 20130925 (EN)**

Application

**EP 13160109 A 20130320**

Priority

ES 201230435 A 20120323

Abstract (en)

The module is of the type that comprises a one-piece block formed by several flat pieces joined by their opposing bases, generating raised strips in the upper surface of said one-piece block and second strips in bas-relief. The improvements of the invention are characterized in that at least two consecutive flat pieces (2) of the one-piece block (1) are joined by means of an intermediate structure (4) in combination with an adhesive material (4'), said intermediate structure (4) comprising an upper body in the form of a protector, a lower body (6) in the form of an insulating base and an internal space (9) where at least one element selected among: an illuminating element (7) reflecting its light outwards through the upper body (8) in correspondence with the strips in bas-relief, a heating element (10) and a combination of both elements (7-10).

IPC 8 full level

**E01C 11/24** (2006.01); **E01C 11/26** (2006.01); **E01C 17/00** (2006.01); **E01F 9/06** (2006.01)

CPC (source: EP ES)

**E01C 11/245** (2013.01 - ES); **E01C 11/265** (2013.01 - ES); **E01F 9/582** (2016.02 - EP); **E01C 11/26** (2013.01 - EP)

Citation (applicant)

ES 2372086 B1 20121119 - PARRA PARDOS ESTHER [ES]

Citation (search report)

- [Y] WO 2011148013 A1 20111201 - PARRA PARDOS ESTHER [ES]
- [Y] KR 20090127506 A 20091214 - NEXTUP TECHNOLOGY CO LTD [KR]
- [Y] IT FE20090004 A1 20101220 - QUAIOTTI LUCA
- [A] EP 2230654 A2 20100922 - DOMINGUEZ DIEZ JAVIER [ES], et al
- [A] GB 2128664 A 19840502 - SHO BOND CONST, et al

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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2642026 A1 20130925**; ES 2423907 A2 20130925; ES 2423907 B1 20140729; ES 2423907 R1 20131007

DOCDB simple family (application)

**EP 13160109 A 20130320**; ES 201230435 A 20120323