

Title (en)

Process for manufacturing modular refracting elements

Title (de)

Verfahren zur Herstellung von lichtbrechenden Modulelementen

Title (fr)

Procédé de fabrication d'éléments modulaires réfracteurs

Publication

EP 1431014 A2 20040623 (EN)

Application

EP 03028791 A 20031213

Priority

IT PD20020329 A 20021220

Abstract (en)

The invention concerns a new process for carrying out modular refracting elements to be inserted in the road surface, constituted by a body in cement mix, to which a refracting layer made of binder, agglomerate and glass or ceramic coated microspheres is applied, as well as the modular refracting element obtained therefrom. The new modular refracting element is obtained by introducing into apposite moulds a quantity of cement mix slightly smaller than the quantity needed to fill each mould completely. A new layer made up of binder, agglomerate and microspheres is laid on the upper surface of this body and successively compressed onto the same. <IMAGE>

IPC 1-7

B28B 3/10; **B28B 3/06**; **E01C 5/06**

IPC 8 full level

B28B 3/10 (2006.01); **B28B 3/06** (2006.01); **E01C 5/00** (2006.01); **E01C 5/06** (2006.01); **E01F 9/04** (2006.01)

CPC (source: EP)

B28B 3/10 (2013.01); **E01C 5/00** (2013.01); **E01C 5/065** (2013.01); **E01F 9/50** (2016.02); **B28B 3/06** (2013.01)

Cited by

US7935284B2; CN104441206A; IT201800003011A1; WO2006102989A1; WO2006069636A1; US9649783B2; WO2019162916A1; DE102014010259A1; WO2016005566A1; DE202015009253U1; US10815150B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1431014 A2 20040623; **EP 1431014 A3 20050921**; **EP 1431014 B1 20090429**; AT E430008 T1 20090515; DE 60327413 D1 20090610; IT PD20020329 A1 20040621

DOCDB simple family (application)

EP 03028791 A 20031213; AT 03028791 T 20031213; DE 60327413 T 20031213; IT PD20020329 A 20021220