

Title (en)
Retroreflective distributor

Title (de)
Verteilvorrichtung für retroreflektierende Körper

Title (fr)
Distributeur d'objets rétro réfléchissants

Publication
EP 1717371 A3 20070718 (EN)

Application
EP 06252142 A 20060420

Priority
GB 0508639 A 20050428

Abstract (en)
[origin: EP1717371A2] A distributor device 10 includes a container 44, which is arranged in use to contain retroreflective articles. The articles are supplied to the container via a supply line 34 and, in use, are arranged to exit the container through an outlet and down a distributing chute 36 on to a target material. A restrictor 18, which is arranged in the region of the outlet, is operable to determine the extent at which the outlet is restricted and therefore the egress of the articles from the container. The distributor device further comprises an agitator 78, which, in use, assists the articles from moving past the restrictor and also from locking together in the container or supply line. In use, relative movement of the distributor and target material, which includes a pre-laid encapsulant surface, assists in the distribution of a retroreflective deposit that has a different retroreflective character from light emanating from a common source.

IPC 8 full level
E01C 23/16 (2006.01)

CPC (source: EP)
E01C 23/166 (2013.01)

Citation (search report)

- [XY] US 3967784 A 19760706 - AMMON HARRY C
- [XY] GB 1444926 A 19760804 - EIGENMANN LUDWIG
- [X] US 2895647 A 19590721 - WALD JR JOHN R, et al

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1717371 A2 20061102; EP 1717371 A3 20070718; GB 0508639 D0 20050608; GB 2425557 A 20061101

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