

Title (en)

PHOSPHORESCENT GROUND MARKING DEVICE

Title (de)

PHOSPHORESZIERENDE BODENMARKIERUNGSVORRICHTUNG

Title (fr)

DISPOSITIF PHOSPHORESCENT DE MARQUAGE AU SOL

Publication

**EP 2099538 B1 20140212 (FR)**

Application

**EP 07847870 A 20071206**

Priority

- EP 2007063382 W 20071206
- FR 0610664 A 20061207

Abstract (en)

[origin: WO2008068296A1] A ground marking device, visible by night and by day, comprising a body to be buried in the ground and having filaments protruding onto the surface of ground, said device being characterized in that the filaments are made of a polymeric material comprising a polyamide base and a phosphorescent pigment. Preferably, the phosphorescent pigment is a lanthanide aluminate. Another object of the invention is a method of production of the polymeric phosphorescent filaments, wherein a mixture comprising a polyamide-based polymer and a phosphorescent pigment is submitted to a vertical extrusion through a crosshead PE-type nozzle, and to the drawing out of the resulting filaments. The device can be installed by simply pushing it into the ground.

IPC 8 full level

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