

Title (en)
HIGH-BRIGHTNESS ALL-WEATHER TYPE PAVEMENT MARKING SHEET MATERIAL

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EP 0385746 B1 19921125 (EN)

Application
EP 90302123 A 19900228

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JP 4936389 A 19890301

Abstract (en)
[origin: EP0385746A1] A high-brightness all-weather type pavement marking sheet material (A) is composed of a reflex-reflecting sheet (1) and a base sheet (2). The reflex-reflecting sheet (1) comprises a layer of glass microspheres (4) of a relatively large diameter which are at least partially exposed in air and bonded to one another by a transparent resin, a layer of glass microspheres (5) of a relatively small diameter which are buried and fixed in a transparent resin layer behind the glass microspheres (4) of a large diameter with an interval between the glass microspheres (4) of a large diameter and the glass microspheres (5) of a small diameter, and a reflecting layer consisting of a metallized film or the like material provided behind the glass microspheres (5) of a small diameter. The base sheet (2) is made of rubber or synthetic resin and is bonded to the lower surface of the reflex-reflecting sheet (1). The pavement marking sheet material (A) has an excellent brightness in reflection during night and particularly when it is raining.

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IPC 8 full level
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CPC (source: EP)
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Cited by
WO0023655A1; ES2096520A1; ES2624536A1; GB2255099A; GB2255099B; US5837350A; US2021395965A1; AU765493B2; US5777791A; US5880885A; US6127020A; US6303058B1; US6703108B1; WO0060386A1; WO2017062266A1; WO9700357A1; US6451408B1; US6247818B1; US7029135B2; US6368660B1; US6365262B1; US6479132B2; WO03005333A1; WO9853145A1; KR100702923B1; WO9823818A1; WO9701676A1; WO9701679A1

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