

Publication

EP 0570504 A4 19940126

Application

EP 92906509 A 19920131

Priority

- US 65089491 A 19910205
- US 82399992 A 19920127

Abstract (en)

[origin: WO9214173A1] Flexible visibility enhancing material (20) is provided which combines the advantages of a light reflective component and a luminescent component. The material includes a first layer of prismatic light reflective plastic material (22) having an underlying surface formed with a plurality of minute prism-like formations (24) projecting therefrom at regular spaced intervals and an overlying substantially smooth light transmissive surface (28). Bonded as by heat sealing to the first layer is a second layer of plastic luminescent material (34) contiguously and integrally attached to the underlying surface of prism-like formations and generally coextensive therewith. The visibility enhancing material simultaneously radiates luminescent light from the second layer through the underlying surface of prism-like formations and through the smooth light transmissive surface and reflected light from the prism-like formations through the smooth light transmissive surface. In one embodiment, a leash for controlling and restraining a pet animal includes a flexible elongate member comprised of the visibility enhanced material. In another embodiment, the second layer is replaced with a layer of luminescent material (56) which can be selectively energized to become luminous.

IPC 1-7

G02B 5/24

IPC 8 full level

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CPC (source: EP)

A01K 27/006 (2013.01); **F21K 2/00** (2013.01); **G02B 5/124** (2013.01); **H05B 33/02** (2013.01)

Citation (search report)

- [Y] DE 2828558 A1 19800103 - EBERT GERD
- [Y] DE 2355362 A1 19740522 - ROWLAND DEV CORP
- [Y] FR 2579417 A1 19861003 - SAIBI ABDELAZIZ [FR]
- [Y] US 2196627 A 19400409 - DE SANCTIS HELEN
- See references of WO 9214173A1

Designated contracting state (EPC)

DE

DOCDB simple family (publication)

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DOCDB simple family (application)

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