

Title (en)  
Luminaire

Title (de)  
Leuchte

Title (fr)  
Luminaire

Publication  
**EP 1243847 A1 20020925 (EN)**

Application  
**EP 01201100 A 20010323**

Priority  
EP 01201100 A 20010323

Abstract (en)  
The luminaire has a molded reflector body (1) comprising a reflective coating (3) with light reflective particles (10) and a binder (11) and having a substrate side (12) and an outer surface (13). The coating (3) has a smooth optical waveguiding surface due to the absence of particles (10) at its outer surface (13) and to the light-transmission properties of the binder (11). Owing to these properties, the coating (3) has a high degree of specular reflection, thereby both increasing the lumen output ratio and improving the light directional properties of the luminaire. <IMAGE>

IPC 1-7  
**F21V 7/22**

IPC 8 full level  
**F21V 7/22** (2006.01)

CPC (source: EP US)  
**F21S 8/026** (2013.01 - EP US); **F21V 7/28** (2018.01 - EP US)

Citation (applicant)  
• US 5905594 A 19990518 - MCGREGOR GORDON L [US], et al  
• WO 9913013 A1 19990318 - NORISK HYDRO AS [NO], et al

Citation (search report)  
• [A] EP 0617092 A2 19940928 - GEN ELECTRIC [US]  
• [A] US 5944405 A 19990831 - TAKEUCHI MICHIKO [JP], et al  
• [A] US 5010458 A 19910423 - FRAIZER ROBERT L [US]  
• [DA] WO 9913013 A1 19990318 - NORISK HYDRO AS [NO], et al

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CN109459405A; KR20170012949A; WO2007122533A2

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