

Title (en)  
Projector

Title (de)  
Strahler

Title (fr)  
Projecteur

Publication  
**EP 0961075 A3 20020109 (DE)**

Application  
**EP 99110345 A 19990528**

Priority  
DE 29809655 U 19980529

Abstract (en)  
[origin: EP0961075A2] The spotlight uses at least one energy-saving gas discharge lamp (18) and is positioned in a cooled environment, with an auxiliary lamp unit (20), e.g. a halogen lamp positioned within a common reflector housing, for providing a light and heat output during the run-up phase of the energy-saving gas discharge lamp. The light and/or heat output of the auxiliary lamp unit be reduced continually over a timed interval, initiated by a sensor detecting the overall brightness and/or temperature of the energy-saving gas discharge lamp.

IPC 1-7  
**F21S 1/00**; **F21V 23/04**

IPC 8 full level  
**F21V 23/04** (2006.01); **H05B 35/00** (2006.01); **H05B 41/36** (2006.01); **H05B 41/38** (2006.01); **F25D 27/00** (2006.01)

CPC (source: EP)  
**F21V 23/04** (2013.01); **F21V 23/0471** (2013.01); **H05B 35/00** (2013.01); **H05B 41/36** (2013.01); **H05B 41/382** (2013.01); **H05B 41/46** (2013.01); **F21S 8/033** (2013.01); **F21W 2131/10** (2013.01); **F25D 27/00** (2013.01)

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