

Title (en)  
Ceramic insulator.

Title (de)  
Keramischer Isolierstein.

Title (fr)  
Isolateur céramique.

Publication  
**EP 0542146 B1 19950517 (DE)**

Application  
**EP 92119026 A 19921106**

Priority  
DE 4136868 A 19911109

Abstract (en)  
[origin: EP0542146A1] In the case of a ceramic insulator block (1) for halogen lamps, which has a flat duct (2) with a flange (3) on its output side (4), the insulating block (1) is provided on the input side (9) of the flat duct (2) with a recess (10) having a bell-shaped contour. The apex (11) of the recess extends towards the output side (4) of the flat duct (2). The recess has an apex height  $H_s$  of  $\leq 40\%$ , an apex radius  $R_s$  of  $\leq 20\%$  of the height  $H$  of the insulating block (1), and a base radius  $R_B$  between 140% and 60% of  $R_s$ . <IMAGE>

IPC 1-7  
**H01J 5/56**

IPC 8 full level  
**H01B 17/56** (2006.01); **H01J 1/96** (2006.01); **H01J 5/56** (2006.01); **H01J 61/36** (2006.01); **H01K 1/42** (2006.01); **H01K 1/48** (2006.01)

CPC (source: EP US)  
**H01J 5/56** (2013.01 - EP US)

Designated contracting state (EPC)  
AT BE DE ES FR GB IT NL PT SE

DOCDB simple family (publication)  
**EP 0542146 A1 19930519; EP 0542146 B1 19950517**; AT E122819 T1 19950615; BR 9204336 A 19930518; CZ 283366 B6 19980318; CZ 333592 A3 19930512; DE 4136868 A1 19930513; DE 59202232 D1 19950622; ES 2072683 T3 19950716; HU 213329 B 19970528; HU 9203504 D0 19930301; HU T63015 A 19930628; IL 103672 A0 19930404; IL 103672 A 19960119; JP 2833942 B2 19981209; JP H05217565 A 19930827; MX 9206419 A 19931001; MY 108160 A 19960830; TR 26301 A 19950315; US 5391093 A 19950221

DOCDB simple family (application)  
**EP 92119026 A 19921106**; AT 92119026 T 19921106; BR 9204336 A 19921106; CS 333592 A 19921106; DE 4136868 A 19911109; DE 59202232 T 19921106; ES 92119026 T 19921106; HU 9203504 A 19921109; IL 10367292 A 19921106; JP 29880492 A 19921109; MX 9206419 A 19921106; MY P119922020 A 19921109; TR 108292 A 19921106; US 97202292 A 19921109