

Title (en)
Push-in light shield

Title (de)
Lichtblende mit Einsteckverbindung

Title (fr)
Cache avec connexion d'insertion

Publication
EP 1452799 B1 20070103 (EN)

Application
EP 04004196 A 20040225

Priority
• US 44998203 P 20030226
• US 43108703 A 20030507

Abstract (en)
[origin: EP1452799A2] An automotive headlamp shield may be formed with a self-locating mount. The housing (12) contains a mounting receptacle (14) with three closed sides (16,18,20), an open side (22), a substantially solid bottom (24) with a laterally extending slot (26) and a top (28) containing an opening (60). One sub-assembly (30) has a planar surface (32) with an aperture (34), a solid rear wall (36) and a depending side wall (38). When assembled, the depending sidewall fits into the slot and protrudes therefrom. Another sub-assembly (40) has an upper surface (44) and four walls including a front wall (46), a back wall (48) and two sides (50,52). A compressible planar latch (54) is associated with the upper surface (44) and a first spring (56) is associated with a side (50) and a second spring (58) is associated with the back (48). The second sub-assembly is hollow and the springs and the compressible latch are formed from the upper surface and respective sides. The structure is light weight and easy to manipulate. <IMAGE>

IPC 8 full level
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