

Title (en)
POLYETHERIMIDE LAMP SOCKET ASSEMBLY

Title (de)
POLYETERIMIDLAMPENSOCKELBAUGRUPPE

Title (fr)
ENSEMBLE DE DOUILLE DE LAMPE EN POLYETHERIMIDE

Publication
EP 1384292 A4 20070815 (EN)

Application
EP 02717685 A 20020320

Priority
• US 0208639 W 20020320
• US 27738901 P 20010320

Abstract (en)
[origin: WO02075863A1] A lamp socket assembly (18) that can be used with a replaceable incandescent lamp (22) in applications where it is desirable or necessary to limit outgassing of the socket assembly. The socket assembly (18) comprises a plastic socket made from polyetherimide, with the socket having an opening (50) to receive a press-sealed end (40) of the incandescent lamp (22). A plurality of electrical contacts (34) are located in the opening (50) and the socket (18) also includes a plurality of terminals (36), each of which is electrically connected to one of the contacts. The socket (18) includes at least one flexible retaining member (52) located at the opening (50) to engage the press-sealed end (40) of the incandescent lamp (22) and thereby retain the lamp within the opening. The socket (18) comprises a housing (30) and a separate body (32) integrally attached to the housing, with both the body and housing being made from the polyetherimide.

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IPC 8 full level
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CPC (source: EP)
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Citation (search report)
• [YA] US 5529535 A 19960625 - FORISH JOHN A [US]
• [XAY] US 4751421 A 19880614 - BRAUN ALFRED [DE], et al
• [YA] US 4988912 A 19910129 - BORGIS LIVIO [IT]
• [YA] US 4795388 A 19890103 - COLIANDRIS CHRIS [US], et al
• [YA] JP H09255872 A 19970930 - GE PLASTICS JAPAN LTD
• [A] GB 2100403 A 19821222 - SYBRON CORP
• See references of WO 02075863A1

Designated contracting state (EPC)
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