

Title (en)
Double-enveloped incandescent lamp.

Title (de)
Glühlampe mit zwei Gefäßen.

Title (fr)
Lampe à incandescence avec deux enveloppes.

Publication
EP 0104595 A2 19840404 (EN)

Application
EP 83109347 A 19830920

Priority
US 42231182 A 19820923

Abstract (en)
A double-enveloped tungsten halogen incandescent lamp having a light-source capsule containment device wherein a knitted wire mesh surrounds the light-source capsule and may be anchored to the capsule, stem, or lead-in wires. In the event of a burst of the light-source capsule, the containment mesh substantially restricts shards of the capsule from shattering the outer envelope of the lamp. In some embodiments, a crumpled portion of the containment mesh is positioned above the capsule and provides a collision-absorbing cushion in the event the capsule and mesh are propelled against the outer envelope by the burst of the light-source capsule whereby further protection against the shattering of the outer envelope is provided. Lamps with such containment devices have improved operational safety characteristics.

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H01K 1/26

IPC 8 full level
H01K 1/26 (2006.01)

CPC (source: EP)
H01K 1/26 (2013.01)

Cited by
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