

Title (en)

CURVED SHATTER-RESISTANT LAMP ASSEMBLY AND METHOD

Title (de)

GEKRÜMPTE BRUCHFESTE LAMPENANORDNUNG UND VERFAHREN ZUR FERTIGUNG DERSELBEN

Title (fr)

ENSEMBLE LAMPE INCURVE RESISTANT AUX CHOCS ET PROCEDE ASSOCIE

Publication

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Application

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Abstract (en)

[origin: WO9912186A1] A shatter-resistant curved lamp assembly (1; 30; 64) is formed by encasing a curved lamp bulb (10; 32; 66) in a non-frangible sleeve that is sealed at each end (24; 46, 48; 50, 52) to one end (14; 38, 40; 76, 78) of the lamp. A shatter-resistant curved lamp assembly (1; 30; 64) is made by applying an adhesive to each end of a curved lamp bulb, preferably by wrapping double-sided adhesive transfer tape (62) around each metal end cap (14; 38, 40; 76, 78) of the lamp bulb. The shatter-resistant curved lamp assembly (1; 30; 64) is formed by molding two halves (34, 36; 68, 70) of a curved sleeve with contours to fit the curved lamp bulb. Adhesive is applied to the ends of the curved lamp bulb, the two halves of the sleeve are fastened together with adhesive or by ultrasonic bonding, and the ends (24; 46, 48; 50, 52) of the sleeve are attached to the ends (14; 38, 40; 76, 78) of the bulb (10; 32; 66).

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