

Title (en)
LIGHT TUBE PROTECTOR AND TUBE

Publication
EP 0238200 A3 19890823 (EN)

Application
EP 87301274 A 19870213

Priority
GB 8604117 A 19860219

Abstract (en)
[origin: EP0238200A2] A protector for a light tube, particularly an ultra violet sun bed lamp or fluorescent lighting tube is made of a flexible plastics material such as PVC, acrylic or polyethylene and encloses the tube, making contact with it at least at spaced positions, so as to contain any glass fragments if the tube should shatter. Several embodiments are described including the use of loose polyethylene sleeve (I0) retained by circlips (I3) or an extruded acrylic tube (I4) having internal ribs (I5) providing partial spacing from the surface of the light tube (II), the acrylic sheath being extruded over sized and shrunk onto the light tube by the application of heat applied either externally or using the tube itself as a heat source. In an alternative form, a flexible PVC sleeve (I6) is expanded by compressed air so that the light tube (II) can be inserted, the sleeve then returning to its normal size. In a further alternative, a self-shrinking material such as cellulose is used in extruded form, soaked in water to expand it onto the light tube and dried to shrink onto the surface of the tube.

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IPC 8 full level
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CPC (source: EP)
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Citation (search report)
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