

Title (en)
SEMICONDUCTOR LAMP

Title (de)
HALBLEITERLAMPE

Title (fr)
LAMPE À SEMI-CONDUCTEURS

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Application
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Abstract (en)
[origin: WO2016146330A1] Semiconductor lamp (1) having a straight, translucent tube (2) whose open end faces (3) can be closed by means of respective end caps (4), which end caps (4) are plug-connected to the tube (2), a circuit board (16) which is equipped with at least one semiconductor light source (17) is installed in the tube (2) and is in contact with at least one of the end caps (4), wherein both end caps (4) are mechanically connected to one another by means of a connection element (18) running in the tube (2), at least one of the end caps (4) is arranged such that it can be displaced longitudinally with play (d) with respect to the tube (2; 54) and thermal expansion of the connection element (18) in a longitudinal direction (L) of the tube (2) is smaller than thermal expansion of the tube (2) and wherein the connection element (18) is snap-fitted to at least one of the end caps (4). The invention can for example be used for retrofit or replacement lamps for conventional elongate lamps, e.g. fluorescent lamps and tube lamps.

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