

Title (en)
LOW-PRESSURE MERCURY DISCHARGE LAMP

Title (de)
NIEDERDRUCKQUECKSILBERENTLADUNGSLAMPE

Title (fr)
LAMPE A MERCURE A BASSE PRESSION

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Application
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Abstract (en)
[origin: WO9844537A1] A low-pressure mercury discharge lamp according to the invention is provided with a tubular discharge vessel (10) with a tube axis (11). The discharge vessel (10) encloses a discharge space (12) in a gastight manner, electrodes (21a, 21b) being arranged in said space and having a first (22a, 22b) and a second fastening (22a', 22b'). At least one of the electrodes (21a) is surrounded by a screen (23) which has a smallest width W, in a plane transverse to the tube axis (11) and transverse to the direction from the first (22a) to the second fastening (22a'), which width is smaller than the distance D between the fastenings (22a, 22a'). The screen (23a) has a length L in the direction of the tube axis (11) which lies between once and three times the smallest width W. The lamp consumes comparatively little mercury in the case of cold ignition.

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