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(54) Title: **LIGHTING UNIT, ELECTRODELESS LOW-PRESSURE DISCHARGE LAMP, AND DISCHARGE VESSEL FOR USE IN THE LIGHTING UNIT**

(57) Abstract

A lighting unit according to the invention comprises an electrodeless low-pressure discharge lamp which is provided with a discharge vessel (10) closed in a gastight manner and comprising an ionizable filling. The discharge vessel (10) has a recessed portion (11) and an enveloping portion (12). The recessed portion (11) and the enveloping portion (12) each have a fastening (35A, 35B) to a metal collar (33), a coil (20) being arranged in the recessed portion (11) for generating a high-frequency magnetic field for maintaining an electric discharge in the discharge vessel (10). The enveloping portion (12) is provided at an inner surface (14) with a light-transmitting, electrically conductive layer (30). The conductive layer (30) is electrically connected to a lead-through member (31) of which the metal collar (33) forms part in that the conductive layer (30) covers a region (32) of the lead-through member (31) which adjoins the inner surface (14) of the enveloping portion (12) and which is at a distance from at least one (35A) of the fastenings (35A, 35B) between the discharge vessel (10) and the collar (33). The lighting unit according to the invention can be efficiently manufactured, and the lead-through member forms a reliable electrical connection to the conductive layer.

