

Title (en)
RING LUMINAIRE, IN PARTICULAR FOR OPTICAL SPECTROMETERS

Title (de)
RINGLEUCHTE, INSBESONDERE FÜR OPTISCHE SPEKTROMETER

Title (fr)
ANNEAU LUMINEUX DESTINÉ EN PARTICULIER À UN SPECTROMÈTRE OPTIQUE

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Abstract (en)
[origin: WO2011072870A1] 1. The invention relates to a ring luminaire, in particular for optical spectrometers. 2.1. Using conventional ring luminaires, the illumination light can only be used with great effort and only limited accuracy as a reference for a measurement. The aim of the invention is to receive reference radiation with less effort. 2.2. For said purpose, inlet ends (3.1) of a plurality of reference optical fibers (3) are arranged additionally in the at least one inlet bundle (4) of the ring luminaire (1), wherein the outlet ends (3.2) thereof are bundled away from the ring (9) to form at least one reference bundle (7). 2.3. The invention further relates to optical spectrometers.

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