

Title (en)
LAMP FOR PHOTOCHEMICAL REACTOR WITH LIGHT-EMITTING DIODES

Title (de)
LAMPE FÜR FOTOCHEMISCHEN REAKTOR MIT LEUCHTDIODEN

Title (fr)
LAMPE POUR RÉACTEUR PHOTOCIMIQUE À BASE DE DIODES ÉLECTROLUMINESCENTES

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Application
EP 21711302 A 20210222

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Abstract (en)
[origin: WO2021165627A1] The invention relates to a lamp (1) for a photochemical reactor, comprising: - a support member (2) made of a material having a thermal conductivity greater than or equal to 100 W/mK at 20°C and comprising at least one channel configured to contain a coolant fluid; - at least one printed circuit (3) mounted on the support member; and - at least one light-emitting diode (4) mounted on the printed circuit (3). The invention also relates to a photochemical reactor comprising such a lamp (1), and to a method for preparing a cycloalkanone oxime or a lactam using such a lamp (1).

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