

Title (en)

DEVICE FOR CLEANING AN OPTICAL SURFACE

Title (de)

VORRICHTUNG ZUR REINIGUNG EINER OPTISCHEN OBERFLÄCHE

Title (fr)

DISPOSITIF POUR NETTOYER UNE SURFACE OPTIQUE

Publication

**EP 4260122 A1 20231018 (FR)**

Application

**EP 21839084 A 20211213**

Priority

- FR 2013212 A 20201214
- EP 2021085483 W 20211213

Abstract (en)

[origin: WO2022128914A1] The invention relates to a device (5) comprising: - an optical surface (10); - a cleaning unit (15) for cleaning the optical surface, comprising at least one wave transducer (70) acoustically coupled to the optical surface, the wave transducer having a piezoelectric layer (80) and electrodes (85) of opposite polarity in contact with the piezoelectric layer, and being configured to generate at least one surface ultrasonic wave (Ws) or a Lamb wave (WL) propagating in the optical surface; - the optical surface having at least one region of optical interest (100) not superposed on the wave transducer, the device comprising an apparatus (20) configured to sense and/or to emit radiation (R) through the region of optical interest (100).

IPC 8 full level

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