

Title (en)
DEVICE FOR CLEANING AN OPTICAL ELEMENT OF A MOTOR VEHICLE, OPTICAL ELEMENT AND CORRESPONDING CLEANING METHOD

Title (de)
VORRICHTUNG ZUM REINIGEN EINES OPTISCHEN ELEMENTS EINES KRAFTFAHRZEUGS, OPTISCHES ELEMENT UND
ENTSPRECHENDES REINIGUNGSVERFAHREN

Title (fr)
DISPOSITIF DE NETTOYAGE D'UN ÉLÉMENT OPTIQUE D'UN VÉHICULE AUTOMOBILE, ÉLÉMENT OPTIQUE ET PROCÉDÉ DE
NETTOYAGE CORRESPONDANT

Publication
EP 4291450 A1 20231220 (FR)

Application
EP 22704778 A 20220211

Priority
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Abstract (en)
[origin: WO2022171839A1] Cleaning device (1) for an optical element (100) designed, in particular, to equip a motor vehicle, the cleaning device (1) comprising a base (3) configured to be arranged on at least one of the sides of the lens (110) of the optical element (100), the base (3) comprising an air duct (50) in which a jet of air is intended to circulate between an air intake (51) and an air outlet (52) arranged inside the base (3), the air outlet (52) projecting from the base (3) and forming a first air ejection nozzle (5) arranged on the periphery of the lens (110) of the optical element (100) and configured to project a jet of air onto the surface of the lens (110), the cleaning device (1) further comprising a pipe for liquid (60), which is coupled to the base (3) and in which a cleaning liquid is intended to circulate between an inlet (61) and an outlet (62) for liquid, the outlet for liquid (62) projecting from the base (3) and forming a second liquid ejection nozzle (6) arranged on the periphery of the lens (110) of the optical element (100) and configured to project a jet of cleaning liquid onto the surface of the lens (110).

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