Title (en)
METHOD FOR KEEPING CLEAR A VIEWING REGION OF AN OPTICAL MONITORING DEVICE

Title (de)
VERFAHREN ZUR FREIHALTUNG EINES SICHTBEREICHS EINER OPTISCHEN ÜBERWACHUNGSVORRICHTUNG

Title (fr)
PROCÉDÉ POUR MAINTENIR UNE ZONE DE VISUALISATION DÉGAGÉE D'UN DISPOSITIF DE SURVEILLANCE OPTIQUE

Publication
EP 4214002 A1 20230726 (DE)

Application
EP 21778439 A 20210917

Priority
• DE 102020124322 A 20200917
• EP 2021075696 W 20210917

Abstract (en)
[origin: WO2022058545A1] Method for keeping clear a viewing region through a transparent element (10) of an optical monitoring device (100), comprising the method steps of: - forming an uninterrupted film (50) of a liquid on the transparent element (10); - coupling ultrasonic waves (64) into the transparent element (10), thereby helping contaminants (70) and/or residues left attached to the transparent element (10) to be dislodged by the ultrasonic waves (64) coupled into the liquid film (50) and/or the transparent element (10).

IPC 8 full level
B08B 3/12 (2006.01); **B08B 7/02** (2006.01); **B60S 1/08** (2006.01); **B60S 1/46** (2006.01); **B60S 1/56** (2006.01); **G02B 27/00** (2006.01)

CPC (source: EP KR US)
B08B 3/12 (2013.01 - EP KR); **B08B 7/028** (2013.01 - US); **B08B 7/04** (2013.01 - US); **B60S 1/52** (2013.01 - KR); **B60S 1/56** (2013.01 - KR); **G01S 7/4043** (2021.05 - KR); **G02B 27/0006** (2013.01 - EP KR); **H04N 23/52** (2023.01 - EP KR); B60S 1/52 (2013.01 - EP); B60S 1/56 (2013.01 - EP); G01S 7/4043 (2021.05 - EP)

Citation (search report)
See references of WO 2022058545A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
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DE 102020124322 A 20200917; CN 202180063404 A 20210917; EP 2021075696 W 20210917; EP 21778439 A 20210917; JP 2023514423 A 20210917; KR 20237008890 A 20210917; US 202118026635 A 20210917