

Title (en)

SYSTEM FOR PROCESSING OPHTHALMIC LENSES

Title (de)

ANLAGE ZUM BEARBEITEN OPHTHALMISCHER LINSEN

Title (fr)

INSTALLATION POUR TRAITER DES LENTILLES OPHTALMIQUES

Publication

**EP 4244018 A2 20230920 (DE)**

Application

**EP 21830945 A 20211109**

Priority

- DE 102020006895 A 20201110
- EP 2021081138 W 20211109

Abstract (en)

[origin: WO2022101214A2] The present invention relates to a system for processing ophthalmic lenses, the system comprising: a plurality of processing devices for independently processing the ophthalmic lenses; a conveying device which interconnects the processing devices and is intended for transporting the ophthalmic lenses or the lens carriers to and from the processing device (3), the conveying device (4) comprising at least two transport tracks (T1, T2), a first transport track (T1) being used to convey the ophthalmic lenses or lens carriers from one processing device to the next, and a second transport track (T2) being used to convey, in parallel, the ophthalmic lenses or lens carriers; and transfer devices for transporting the ophthalmic lenses or lens carriers from one transport track (T1, T2) to the other transversely to the conveying direction (F1, F2) as required, for temporary reception/intermediate storage as required, and for onward transportation of the ophthalmic lenses or lens carriers as required. According to the invention: the conveying device comprises at least one continuous conveyor belt; at least one drive system is provided for the at least one conveyor belt; each processing device is immediately adjacent to the first transport track (T1); and each transfer device is in the form of a pushing device which pushes the ophthalmic lenses or lens carriers transversely to the conveying direction (F1, F2) from one transport track (T1, T2) to the other.

IPC 8 full level

**B24B 13/00** (2006.01)

CPC (source: EP)

**B24B 13/0037** (2013.01)

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)

**WO 2022101214 A2 20220519; WO 2022101214 A3 20220721**; CN 116438037 A 20230714; DE 102020006895 A1 20220512; EP 4244018 A2 20230920

DOCDB simple family (application)

**EP 2021081138 W 20211109**; CN 202180075666 A 20211109; DE 102020006895 A 20201110; EP 21830945 A 20211109