Title (en)
Eyeglass lens processing apparatus

Title (de)
Vorrichtung zum Bearbeiten von Brillengläsern

Title (fr)
Appareil de traitement de l'objectif à loupe

Publication
EP 2669047 A3 20141105 (EN)

Application
EP 13002833 A 20130531

Priority
• JP 2012125529 A 20120531
• JP 2013006078 A 20130117

Abstract (en)
[origin: EP2669047A2] An eyeglass lens processing apparatus (1) for processing a periphery of a lens, includes: lens rotating means (100a) for rotating a pair of lens chuck shafts (102) that hold an eyeglass lens; processing tool rotating means (300, 420) for rotating a processing tool rotating shaft (161a, 400a) to which a processing tool (168, 400) for processing the periphery of the lens is mounted; moving means (100c) for moving about the lens chuck shafts or the processing tool rotating shaft as a moving shaft in an axis-to-axis direction in which an axis-to-axis distance between the lens chuck shafts and the processing tool rotating shaft is changed; a waterproof cover (61) provided with a first elongated hole (75L, 75R) through which the moving shaft is inserted, the waterproof cover configuring a processing chamber (60); and a shield unit (70) provided in the waterproof cover for preventing grinding water from leaking out of the first elongated hole, the shield unit being configured to be rotated in response to movement of the moving shaft.

IPC 8 full level
B24B 55/00 (2006.01); **B24B 9/14** (2006.01); **B24B 55/04** (2006.01)

CPC (source: EP KR)
B24B 9/14 (2013.01 - EP KR); **B24B 9/146** (2013.01 - EP); **B24B 55/04** (2013.01 - EP)

Citation (search report)
• [IA] US 2004058624 A1 20040325 - SUZUKI YASUO [JP], et al
• [IA] EP 1352705 A2 20031015 - HOYA CORP [JP]
• [A] EP 2030730 A2 20090304 - NIDEK KK [JP]
• [A] US 2011076923 A1 20110331 - TAKEICHI KYOJI [JP], et al

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CN112757079A; CN111604719A; CN109894944A; CN110497277A; US11471994B2

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

DOCDB simple family (publication)
EP 2669047 A2 20131204; **EP 2669047 A3 20141105**; **EP 2669047 B1 20161130**; JP 2014004677 A 20140116; JP 6051884 B2 20161227; KR 102092188 B1 20200323; KR 20130135175 A 20131210

DOCDB simple family (application)
EP 13002833 A 20130531; JP 2013006078 A 20130117; KR 20130063046 A 20130531