

Title (en)
METHOD FOR MACHINING AN EYEGLOSS LENS BLANK AND EYEGLOSS LENS BLANK COMPRISING A CONNECTING MATERIAL AND BLOCK PIECE

Title (de)
VERFAHREN ZUM BEARBEITEN EINES BRILLENGLASROHLINGS UND BRILLENGLASROHLING MIT VERBINDUNGSMASSE UND BLOCKSTÜCK

Title (fr)
PROCÉDÉ POUR L'USINAGE D'UN PALET DE VERRE DE LUNETTES ET PALET DE VERRE DE LUNETTES MUNI D'UNE MATIÈRE DE LIAISON ET D'UNE MOLETTE DE GLANTAGE

Publication
EP 2293900 A1 20110316 (DE)

Application
EP 09742138 A 20090507

Priority
• EP 2009055567 W 20090507
• DE 102008022660 A 20080507

Abstract (en)
[origin: WO2009135920A1] The invention refers to a machining method for an eyeglass lens blank (1) in which a block piece (2) is connected, by way of a connecting material (3), to a first side (1.1) of the eyeglass lens blank (1) for holding and supporting the eyeglass lens blank (1) in a processing machine, wherein to this end a cavity (5) is made between the block piece (2) and the first side (1.1), at least using a sealing or supporting means (4), wherein the sealing or supporting means (4) has an inner diameter Dd, Ds and sits against the first side (1.1) in a sealing manner, the connecting material (3) is filled into the cavity (5) or connecting material (3) is provided in the cavity (5) and then the connecting material (3) is cured, the eyeglass lens blank (1) is placed into a milling and/or turning or grinding machine by way of the block piece (2) cast on by way of the connecting material (3), wherein the eyeglass lens blank (1) is supported on the first side (1.1) by the connecting material (3) across a diameter Dv that corresponds to the diameter Dd, Ds and wherein the blank (1) and the connecting material (3) are worked off in one of the following machining processes. The invention further relates to an eyeglass lens blank (1) having a diameter Dr, said blank being fastened to a block piece (2) through the cast-on connecting material (3), wherein the connecting material (3) has an outer diameter Dv. The diameter Dv is at most 2 mm to 6 mm, in particular at most 4 mm and is less than diameter Dr.

IPC 8 full level
B24B 13/005 (2006.01)

CPC (source: EP US)
B24B 9/146 (2013.01 - EP US); **B24B 13/005** (2013.01 - EP US)

Citation (search report)
See references of WO 2009135920A1

Designated contracting state (EPC)
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 SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
DE 102008022660 A1 20091112; BR PI0908291 A2 20150721; CN 102015208 A 20110413; CN 102015208 B 20150506; EP 2293900 A1 20110316; EP 2293900 B1 20130619; MX 2010012082 A 20110411; US 2011096290 A1 20110428; US 8684525 B2 20140401; WO 2009135920 A1 20091112

DOCDB simple family (application)
DE 102008022660 A 20080507; BR PI0908291 A 20090507; CN 200980116484 A 20090507; EP 09742138 A 20090507; EP 2009055567 W 20090507; MX 2010012082 A 20090507; US 73669909 A 20090507