

Title (en)
process for manufacturing a concave outer surface on a spectacle lens blank

Title (de)
Verfahren zur Erzeugung einer konkaven Oberfläche aus einem Brillenglasrohling

Title (fr)
Procédé pour la réalisation d'une surface concave dans une ébauche de verre à lunette

Publication
EP 0758571 B1 20020116 (DE)

Application
EP 96112436 A 19960801

Priority
DE 19529786 A 19950812

Abstract (en)
[origin: EP0758571A1] The appliance consists of a disc shaped grinding tool (2) with an annular grinding lip asymmetrically positioned and with its maximum radius leading into a circular cutting edge. The rear surface of the tool facing away from the grinding lip and opening into the cutting edge runs in relation to the tool's rotary axis (c) at an angle between the tool (b) and the rotary axis. The periphery has evenly distributed holder arms to whose outer ends cutter plates are fixed pointing radially to the grinder's rotary axis, and whose blades define an aspherical enveloping surface.

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B24B 11/00; **B24B 13/06**

IPC 8 full level
B24B 11/00 (2006.01); **B24B 13/06** (2006.01)

CPC (source: EP US)
B24B 11/00 (2013.01 - EP US); **B24B 13/06** (2013.01 - EP US); **Y10T 409/303752** (2015.01 - EP US); **Y10T 409/303808** (2015.01 - EP US); **Y10T 409/305656** (2015.01 - EP US); **Y10T 409/307448** (2015.01 - EP US)

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EP1679154A4; FR2805767A1; CN109014352A; CN110900319A; EP1409198A4; FR2883215A1; AU2006224447B2; WO0166308A1; WO2006097606A1; WO2007017385A3; DE102007031703A1; US9381604B2; EP2011603A1; EP3009230A1; US10259096B2; EP3542956A1; WO2019179660A1; EP2801440A1; DE202014009911U1; US8215210B2; EP2826592A1; US7153184B2; US7255628B2; US7338346B2; DE102012004543A1; WO2013135330A1; EP2138271A1; DE102012004547A1; WO2013135331A1; DE102021004831A1; WO2023046937A1; EP2093018A1; WO2009106296A1; US7597033B2; US6558586B1; DE202006020913U1; EP2266753A1; EP2338640A1; DE202006021076U1; EP2963458A1; DE102021005202A1; WO2023066824A1

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