

Title (en)

Machine for machining optical work pieces, in particular plastic spectacle lenses

Title (de)

Maschine zur Bearbeitung von optischen Werkstücken, insbesondere von Kunststoff-Brillengläsern

Title (fr)

Machine destinée au traitement de pièces optiques, en particulier de verres solaires en plastique

Publication

EP 2011603 B2 20140730 (DE)

Application

EP 08010854 A 20080614

Priority

DE 102007031703 A 20070706

Abstract (en)

[origin: EP2011603A1] The machine (10) i.e. CNC controlled, has a work piece spindle (12) rotationally driving the work piece about a work piece rotation axis, and a processing unit that comprises a tool to retain the work piece on the work piece spindle for machining. An adjusting mechanism (26) is provided for causing a relative movement between the work piece spindle and the tool, for enabling loading, unloading or processing of the work piece. A swivel drive unit (28) can rotate the work piece spindle about a swivel axis and a linear drive unit (30) that moves the work piece spindle along a linear axis.

IPC 8 full level

B24B 13/00 (2006.01); **B24B 13/06** (2006.01)

CPC (source: EP US)

B24B 13/0031 (2013.01 - EP US); **B24B 13/06** (2013.01 - EP US); **Y10S 29/086** (2013.01 - EP US); **Y10T 29/5128** (2015.01 - EP US); **Y10T 29/5129** (2015.01 - EP US); **Y10T 82/2514** (2015.01 - EP US); **Y10T 82/2524** (2015.01 - EP US); **Y10T 82/2566** (2015.01 - EP US); **Y10T 409/30392** (2015.01 - EP US); **Y10T 409/305264** (2015.01 - EP US); **Y10T 409/305432** (2015.01 - EP US); **Y10T 409/305768** (2015.01 - EP US); **Y10T 409/305824** (2015.01 - EP US)

Cited by

DE102017010321A1; DE102015009973A1; WO2023066824A1; EP2636484A3; US10092956B2; US9776293B2; WO2016058663A1; WO2013174487A3; EP3124175A2; DE102021005399A1; WO2023073249A1; DE102021004831A1; WO2023046937A1; EP2963458A1; DE102021005202A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2011603 A1 20090107; **EP 2011603 B1 20100526**; **EP 2011603 B2 20140730**; AT E468939 T1 20100615; BR PI0803511 A2 20090407; BR PI0803511 B1 20190528; CN 101337281 A 20090107; CN 101337281 B 20130424; DE 102007031703 A1 20090108; DE 502008000706 D1 20100708; ES 2345575 T3 20100927; ES 2345575 T5 20140930; HK 1121425 A1 20090424; JP 2009012178 A 20090122; JP 5198957 B2 20130515; US 2009011688 A1 20090108; US 7975356 B2 20110712

DOCDB simple family (application)

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