

Title (en)

Machine for machining optical workpieces, especially plastic spectacle lenses

Title (de)

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

Title (fr)

Machine d'usinage de pièces optiques, en particulier de lentilles de lunettes en plastique

Publication

EP 1864753 B1 20131030 (DE)

Application

EP 07009742 A 20070516

Priority

DE 102006026524 A 20060606

Abstract (en)

[origin: EP1864753A1] A machine has a workpiece spindle (24) that rotatably drives the plastic spectacle lens about a rotation axis. A fast-tool assembly (36) moves a turning cutter (48) to and away from the lens. The spindle and assembly are movable relative to each other in a transverse to the rotation axis. A second fast-tool assembly (38) is adjacent to the first assembly and has a graver (50) with a punctiform end that faces the lens. The graver is carried by and movable by the second assembly to and away from the lens. A marking is produced through needling engagement of the graver with the lens.

IPC 8 full level

B24B 13/04 (2006.01); **B24B 27/00** (2006.01); **B44B 3/04** (2006.01)

CPC (source: EP US)

B24B 13/046 (2013.01 - EP US); **B24B 27/0076** (2013.01 - EP US); **B44B 3/04** (2013.01 - EP US); **Y10S 82/904** (2013.01 - EP US); **Y10T 29/5114** (2015.01 - EP US); **Y10T 82/2524** (2015.01 - EP US); **Y10T 82/2531** (2015.01 - EP US)

Citation (examination)

US 6135350 A 20001024 - WHITE TIMOTHY P [US], et al

Cited by

FR3008914A1; KR20160036044A; US9925681B2; WO2015011356A1

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DOCDB simple family (application)

EP 07009742 A 20070516; DE 102006026524 A 20060606; US 80965007 A 20070601