Title (en)

Optical glasses grinding machine

Title (de)

Maschine zum Schleifen optischer Gläser

Title (fr)

Machine de meulage de verres optiques

Publication

EP 0820837 B1 20000202 (FR)

Application

EP 97401591 A 19970703

Priority

- FR 9609171 A 19960722
- FR 9706126 A 19970520

Abstract (en)

[origin: EP0820837A1] The machine has a series of main grinding wheels (T) fixed to a shaft (2), and a blank carrier assembly designed to place the blanks (8) in contact with the grinding wheels. It has an additional grinding wheel (9), mounted freely on the end of a support (10, 19), and an actuator for the support which enables the additional wheel to be moved between a retracted position and an active position. In the active position the additional wheel's axis of rotation lies parallel to that of the shaft and the wheel is in contact with a driving disc (17) on the shaft between the main grinding wheels. It also has a mechanism for placing the blanks in contact with the additional wheel when it is in its active position. The additional grinding wheel is of smaller diameter than the main grinding wheels, and it is driven by a friction surface (20) of a plastics or elastomer material.

IPC 1-7

B24B 9/14

IPC 8 full level

B24B 9/14 (2006.01); **B24B 19/03** (2006.01); **B24B 41/04** (2006.01)

CPC (source: EP US)

B24B 9/14 (2013.01 - EP US); **B24B 9/146** (2013.01 - EP US); **B24B 19/03** (2013.01 - EP US); **B24B 41/04** (2013.01 - EP US)

Cited by

DE19834748A1; DE102005015449B3; EP1710046A3; US7308745B2; EP1616663A1; WO0007770A1; US7137871B2; US7338347B2; EP1100651B1

Designated contracting state (EPC)

DE ES FR IT

DOCDB simple family (publication)

EP 0820837 A1 19980128; **EP 0820837 B1 20000202**; DE 69701244 D1 20000309; DE 69701244 T2 20000713; ES 2142138 T3 20000401; FR 2751256 A1 19980123; FR 2751256 B1 19981231; US 5882247 A 19990316

DOCDB simple family (application)

EP 97401591 A 19970703; DE 69701244 T 19970703; ES 97401591 T 19970703; FR 9706126 A 19970520; US 88697097 A 19970702