

Title (en)
Optical glasses grinding machine

Title (de)
Maschine zum Schleifen optischer Gläser

Title (fr)
Machine de meulage de verres optiques

Publication
EP 0820837 A1 19980128 (FR)

Application
EP 97401591 A 19970703

Priority
• FR 9609171 A 19960722
• FR 9706126 A 19970520

Abstract (en)
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.

Abstract (fr)
Cette machine comprend un train de meules (T) calé sur un arbre (2), et un ensemble porte-ébauche (5, 7) adapté pour amener l'ébauche (8) au contact des meules. Elle comprend en outre une meule additionnelle (9) montée librement rotative sur un support (10), des moyens (11) d'actionnement du support adaptés pour déplacer la meule additionnelle (9) entre une position escamotée et une position active dans laquelle son axe de rotation (Y-Y) est parallèle à l'axe dudit arbre et dans laquelle la meule additionnelle se trouve en contact d'entraînement avec un disque d'entraînement (17) solidaire du train de meules, et des moyens pour amener l'ébauche au contact de la meule additionnelle (9) lorsque celle-ci est en position active. Application au contre-biseautage et/ou au rainage et/ou au perçage des verres optiques. <IMAGE>

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B24B 9/14

IPC 8 full level
B24B 9/14 (2006.01); **B24B 19/03** (2006.01); **B24B 41/04** (2006.01)

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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)

Citation (search report)
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