Title (en)

IMPROVEMENTS IN OR RELATING TO LENS EDGE GRINDING MACHINES

Publication

EP 0016524 A3 19801029 (EN)

Application

EP 80300382 A 19800211

Priority

GB 7905308 A 19790215

Abstract (en)

[origin: GB2041800A] In a multi-wheel lens edge grinding machine having a frame 16 pivotally mounted about a horizontal axis 15 atop a base 11 supporting a plurality of grinding wheels 24, 25, 26 which present their upper regions through an opening 12a in an upper surface 12 of the base, co-axially aligned lens supports 17, 18 in the frame, the axis of the shaft driving the grinding wheels, the pivotal axis 15 of the frame, and the axis of the lens support being parallel, and the frame being displaceable parallel to its pivotal axis, there is a difficulty in providing positive drive to displace the frame between the different grinding positions whilst allowing the frame to "float" during the grinding operation. This difficulty is resolved by driving the frame via a cam plate 30 engaged by an element 44 of the frame and which plate affords positive transverse engagement with the frame whilst the frame is elevated and a less restricting engagement with the frame when the frame is lowered to a grinding position. <IMAGE>

IPC 1-7

B24B 9/14

IPC 8 full level

B24B 9/14 (2006.01)

CPC (source: EP)

B24B 9/14 (2013.01)

Citation (search report)

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