

Title (en)

MACHINE FOR GRINDING OPTICAL LENSES

Title (de)

MASCHINE ZUM SCHLEIFEN VON OPTISCHEN LINSEN

Title (fr)

MACHINE DE MEULAGE DE VERRES OPTIQUES

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Application

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Abstract (en)

[origin: WO2004087374A1] The invention relates to a machine comprising a train of grinding stones (21), mounted to rotate about a first axis (A-A'), a lens support (15), provided with means (37), for rotating the lens (35) about a second axis (B-B') parallel to the first axis (A-A'), means (13, 39) for relative radial and axial positioning of the lens support (15) with relation to the train of grinding stones (21) and a tool carrier unit (17) with a tool (81; 83; 85) fixed to a tool support shaft (75) rotating about a third axis (C-C'). In an active position the tool is adjacent to the second axis (B-B') and the third axis (C-C') with a variable angle with relation to the second axis (B-B'). The tool support unit (17) further comprises means (79) for controlling the angle of inclination of the third axis (C-C') with relation to the second axis (B-B'), when the tool (81, 83, 85) is at a distance from the lens (35). Of application to the grinding of ophthalmic lenses.

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