

Title (en)  
OPTICAL SURFACE-FINISHING TOOL

Title (de)  
WERKZEUG ZUR FEINBEARBEITUNG EINER OPTISCHEN FLÄCHE

Title (fr)  
OUTIL POUR LE SURFA AGE D'UNE SURFACE OPTIQUE

Publication  
**EP 1644160 A2 20060412 (FR)**

Application  
**EP 04767659 A 20040712**

Priority  
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• FR 0308670 A 20030716

Abstract (en)  
[origin: US2006154581A1] An optical surface-finishing tool includes a rigid support ( 4 ) having a transverse end surface ( 13 ); an elastically-compressible interface ( 5 ) which is applied against the end surface ( 13 ) such as to cover same; and a flexible buffer ( 6 ) which can be applied against the optical surface ( 2 ), which is applied against the interface ( 5 ) and which covers the interface at least partially, opposite and in line with the end surface ( 13 ). The buffer includes a central part ( 6 a ) which is in line with the end surface ( 13 ) and a peripheral part ( 14 ) which extends transversely beyond the end surface ( 13 ). There is also an elastic return element ( 15 ) having a collar ( 18 ) which is used to connect the peripheral part ( 14 ) to the support ( 4 ). Moreover, the collar ( 18 ) includes a continuous peripheral part ( 22 ) which rests on the peripheral part ( 14 ) of the buffer ( 6 ) such as to co-operate therewith.

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IPC 8 full level  
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