

Title (en)  
Grinding water treating apparatus

Title (de)  
Anlage zum Aufbereiten von Schleifflüssigkeit

Title (fr)  
Appareil pour le traitement d'eau de meulage

Publication  
**EP 1350598 B1 20060118 (EN)**

Application  
**EP 03090060 A 20030312**

Priority  
• JP 2002066969 A 20020312  
• JP 2002362978 A 20021213

Abstract (en)  
[origin: EP1350598A2] A grinding water treating apparatus for use in a lens grinding apparatus is provided which permits both grinding water treating means and deodorizing means to be accommodated in a limited receptacle space, thereby permitting reduction of the receptacle space. In a grinding water treating apparatus (27) for use in a lens grinding apparatus, comprising a grinding water treating means (27a) which filters grinding water after use in a glasses lens grinding work to separate grinding wastes and produce purified water and a deodorizing means (51) for removing an offensive smell developed within the grinding water treating means (27a) and also within a grinding water storage vessel (3), both grinding water treating means (27a) and deodorizing means (51) are disposed within the same housing (40). Moreover, a lens grinding apparatus is provided having a grinding water storage vessel (3) for the storage of grinding water which has been used in grinding a glasses lens and a grinding water supply hose (19) which permits said grinding water to flow into said grinding water storage vessel, wherein, an injection means (N) is attached to a tip (19a) of said grinding water supply hose, and said grinding water is injected radially by said injection means to cover the surface of grinding water already stored in said grinding water storage vessel, thereby extinguishing foams produced on the surface of said grinding water. A grinding water treating apparatus for use in a lens grinding apparatus is provided which permits both grinding water treating means and deodorizing means to be accommodated in a limited receptacle space, thereby permitting reduction of the receptacle space. In a grinding water treating apparatus (27) for use in a lens grinding apparatus, comprising a grinding water treating means (27a) which filters grinding water after use in a glasses lens grinding work to separate grinding wastes and produce purified water and a deodorizing means (51) for removing an offensive smell developed within the grinding water treating means (27a) and also within a grinding water storage vessel (3), both grinding water treating means (27a) and deodorizing means (51) are disposed within the same housing (40). Moreover, a lens grinding apparatus is provided having a grinding water storage vessel (3) for the storage of grinding water which has been used in grinding a glasses lens and a grinding water supply hose (19) which permits said grinding water to flow into said grinding water storage vessel, wherein, an injection means (N) is attached to a tip (19a) of said grinding water supply hose, and said grinding water is injected radially by said injection means to cover the surface of grinding water already stored in said grinding water storage vessel, thereby extinguishing foams produced on the surface of said grinding water.

IPC 8 full level  
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CPC (source: EP)  
**B24B 9/146** (2013.01); **B24B 55/02** (2013.01); **B24B 55/06** (2013.01)

Cited by  
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**EP 03090060 A 20030312**; DE 60303256 T 20030312; DE 60311081 T 20030312; EP 04077741 A 20030312