

Title (en)  
Deodorization system for lens-grinding machine

Title (de)  
Vorrichtung zur Deodorierung von Brillenglas-Schleifmaschinen

Title (fr)  
Système de désodorisation pour machine à meuler les verres de lunettes

Publication  
**EP 1043121 A1 20001011 (EN)**

Application  
**EP 00250110 A 20000404**

Priority  
JP 9807699 A 19990405

Abstract (en)  
A deodorization system for a lens-grinding machine (1) for grinding a lens (4) has a suction hose (12, 14) and a deodorization device (36). Bad-smelling air is sucked from the grinding chamber (2) and a waste water tank (7) for storing waste water used in the chamber (2) through the tank (7). The bad-smelling air sucked through the suction hose (12, 14) is filtered by a dehydration filter (13), a centrifugal separator (23) and a fine filter (37) to separate and remove the waste water, bubbles and cut chips from the bad-smelling air, and is deodorized by the deodorization device (36). A water storage tank (24) arranged in the separator (23) stores the waste water, the bubbles and the cut chips removed from the bad-smelling air. A volume detection sensor (35) provides a signal upon the increase of the volume of the waste water stored in the tank (24) to a value substantially equal to the capacity of the tank (24) to prevent the overflow of the waste water from the tank (24). <IMAGE>

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**B24B 9/14**; **B24B 55/02**; **B24B 55/06**

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• [X] DE 4411537 A1 19951012 - WERNICKE & CO GMBH [DE]  
• [DA] PATENT ABSTRACTS OF JAPAN vol. 018, no. 186 (M - 1585) 30 March 1994 (1994-03-30)

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