

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 B1 20040707 (EN)

Application

EP 00250110 A 20000404

Priority

JP 9807699 A 19990405

Abstract (en)

[origin: EP1043121A1] 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>

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Cited by

EP1348518A3; EP1350598A3; CN107932337A; CN109955150A; EP2105251A1; KR20030081789A; EP1219388A1; CN114643509A; CN108044479A; CN108673344A; US6538573B2; EP3957452A1

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