

Title (en)  
LIQUID HONING MACHINE AND LIQUID HONING METHOD

Title (de)  
FLÜSSIGKEITSHONMASCHINE UND -VERFAHREN

Title (fr)  
MACHINE DE PIERRAGE PAR LIQUIDE ET PROCEDE DE PIERRAGE PAR LIQUIDE

Publication  
**EP 1813386 A4 20110615 (EN)**

Application  
**EP 05790634 A 20051007**

Priority  

- JP 2005018620 W 20051007
- JP 2004296757 A 20041008
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- US 62598304 P 20041109

Abstract (en)  
[origin: EP1813386A1] A honing machine 1 is provided with a honing zone 5 for subjecting a work 2 to a liquid honing process and a washing zone 6 for subjecting the work 2 to which the liquid honing process was executed at the honing zone 5 to a washing process in a housing 4 shielded from an external air, the honing zone 5 and the washing zone 6 being disposed adjacently. A partition wall 7 for preventing an ambient gas of the honing zone 5 from entering into the washing zone 6 is disposed between the honing zone 5 and the washing zone 6 in the housing 4. An in-liquid conveying apparatus 10 for conveying the work 2 to which the liquid honing process was executed at the honing zone 5 from the honing zone 5 to the washing zone 6 with the work kept immersed in the liquid 72 in a carrying bath 11 is disposed in the housing 4.

IPC 8 full level  
**B24C 9/00** (2006.01); **B08B 1/04** (2006.01); **B08B 7/04** (2006.01); **G03G 5/00** (2006.01)

CPC (source: EP)  
**B08B 1/20** (2024.01); **B08B 1/32** (2024.01); **B24C 3/02** (2013.01); **B24C 3/085** (2013.01); **B24C 3/12** (2013.01); **B24C 11/005** (2013.01); **G03G 5/10** (2013.01)

Citation (search report)  

- No further relevant documents disclosed
- See references of WO 2006041026A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

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