

Title (en)  
Lapping machine with two plates

Title (de)  
Zweischeiben-Feinschleifmaschine

Title (fr)  
Rodeuse avec deux plats de rodage

Publication  
**EP 1075897 B1 20060913 (DE)**

Application  
**EP 00113746 A 20000629**

Priority  
DE 19937784 A 19990810

Abstract (en)  
[origin: EP1075897A1] The twin-disc precision grinder has a housing (10) and a top and bottom operating disc (20,44) each of which is fixed to a support disc (18,42). A top and bottom vertical drive shaft drive the operating discs which are pivot mounted in the housing by means of roller bearings and are driven by a motor via gears.. A cooler cools the operating discs by means of cooling fluid. The surface of the support disc facing the operating disc has at least one radially sealed chamber (34,62) connected to the operating surface by means of axially parallel holes (36,64) in the operating discs. Each shaft (22,46) has at least one axially parallel duct supplied with cooling lubricating fluid by means of a stationary inlet (26,50).

IPC 8 full level  
**B24B 37/04** (2006.01); **B24B 37/08** (2012.01); **B24B 37/11** (2012.01); **B24B 55/02** (2006.01); **B24B 57/00** (2006.01)

CPC (source: EP)  
**B24B 37/08** (2013.01); **B24B 37/11** (2013.01); **B24B 55/02** (2013.01); **B24B 57/00** (2013.01)

Cited by  
CN102666015A; EP1366854A1; CN107671728A; US8113913B2; WO2004060610A3; US7419420B2; US7883394B2; US8292694B2

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