

Title (en)

Gemstone polishing apparatus.

Title (de)

Edelstein-Poliervorrichtung.

Title (fr)

Dispositif de polissage de pierre précieuse.

Publication

EP 0299692 A2 19890118 (EN)

Application

EP 88306285 A 19880708

Priority

GB 8716512 A 19870714

Abstract (en)

In order to centre the residual imbalance of a scaife (5), the scaife (5) is carried on an air bearing (6) which is axially stiff but allows radial float, and is driven by a motor (2) which is carried on silent blocks (3) which are axially stiff but allow radial float of the motor (2). The motor (2) is driven at a speed above the first radial critical frequency of the system formed by the motor (2), motor shaft (4) and scaife (5) and its mounting.

IPC 1-7

B24B 9/16; B24B 37/04; B24B 41/04

IPC 8 full level

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