

Title (en)
GEMSTONE POLISHING APPARATUS

Publication
EP 0299692 A3 19891123 (EN)

Application
EP 88306285 A 19880708

Priority
GB 8716512 A 19870714

Abstract (en)
[origin: EP0299692A2] 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
B24B 9/16 (2006.01)

CPC (source: EP)
B24B 9/16 (2013.01)

Citation (search report)

- [A] BE 400215 A
- [A] FR 2530993 A1 19840203 - GEHRING GMBH MASCHF [DE]
- [A] US 4180946 A 19800101 - BRUNET MAURICE [FR], et al
- [A] US 3130523 A 19640428 - GEORGES MONNET
- [A] VDI-ZEITSCHRIFT, vol. 130, no. 5, May 1988, pages 57-60, Düsseldorf, DE; H.K. TÖNSHOFF et al.: "Verstellbarer passiver Dämpfer für Schwingungen in Aussenrundscheifmaschinen"

Cited by
CN105364661A; EP1755825A4

Designated contracting state (EPC)
BE DE FR LU NL

DOCDB simple family (publication)
GB 2206825 A 19890118; **GB 2206825 B 19911106**; **GB 8716512 D0 19870819**; DE 3871002 D1 19920617; EP 0299692 A2 19890118; EP 0299692 A3 19891123; EP 0299692 B1 19920513; IE 60355 B1 19940629; IE 882141 L 19890114

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GB 8716512 A 19870714; DE 3871002 T 19880708; EP 88306285 A 19880708; IE 214188 A 19880713