

Title (en)  
Nutating action appliance.

Title (de)  
Vorrichtung mit Taumelbewegung.

Title (fr)  
Dispositif à mouvement oscillant.

Publication  
**EP 0025072 A1 19810318 (EN)**

Application  
**EP 79103390 A 19790911**

Priority  
• EP 79103390 A 19790911  
• AU 5078679 A 19790912

Abstract (en)  
The disclosure is directed to a nutating action appliance in which the utilization device is driven directly by the wobble plate of a nutating action motor. A wobble plate (21) is contained within a motor housing (10, 11) and is driven with a nutating action by a controlled flow of fluid. An output shaft (28), rigidly secured to the wobble plate, extends out through the housing and is moved in an orbital manner as the wobble plate is driven through its nutating cycle. An ultimate contact-type utilization device (47) is driven directly by the output shaft and is activated with a highly efficient and useful motion, which is an orbital movement without rotation.

IPC 1-7  
**B24B 23/04**

IPC 8 full level  
**A47L 11/28** (2006.01); **B24B 23/04** (2006.01)

CPC (source: EP)  
**A47L 11/28** (2013.01); **A47L 11/4069** (2013.01); **B24B 23/04** (2013.01)

Citation (search report)  
• US 2244539 A 19410603 - KRUEGER EMIL M  
• DE 59696 C  
• FR 548878 A 19230127  
• US 2982222 A 19610502 - BALL JR EUGENE E

Cited by  
EP1825955A1; DE19723987A1

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LU NL SE

DOCDB simple family (publication)  
**EP 0025072 A1 19810318**; AU 5078679 A 19810319

DOCDB simple family (application)  
**EP 79103390 A 19790911**; AU 5078679 A 19790912