

Title (en)

Device for the precision cleaning and/or deburring of orifices in machined parts

Title (de)

Gerät zur präzisen Reinigung und/oder zum Entgraten der Bohrungen von bearbeiteten Werkstücken

Title (fr)

Appareil pour le nettoyage et/ou l'ébavurage de précision des orifices de pièces usinées

Publication

EP 0753382 A3 19970312 (EN)

Application

EP 96500095 A 19960704

Priority

ES 9501402 A 19950712

Abstract (en)

[origin: EP0753382A2] The parts (1) are loaded into one end of the machine, are conveyed with intermittent feed by means of a feeder unit (3), and are subjected to various operations in succession. The device comprises means of supporting and spinning the part to be cleaned (1), fitted inside the cleaning chamber, and cleaning equipment, essentially arranged outside the cleaning chamber and fitted with nozzles (17) which are inserted into the cleaning chamber by supporting lances (18) through an opening in the upper face of the chamber. The nozzles (17) move into position close to and facing the orifices (2) that need to be cleaned of the part (1). The cleaning equipment is supported by a carriage that is external to the cleaning chamber. <IMAGE>

IPC 1-7

B24C 3/32

IPC 8 full level

B24C 3/18 (2006.01); **B24C 3/32** (2006.01); **B24C 9/00** (2006.01)

CPC (source: EP)

B24C 1/083 (2013.01); **B24C 3/18** (2013.01); **B24C 3/325** (2013.01); **B24C 9/00** (2013.01)

Citation (search report)

- [YA] EP 0245602 A2 19871119 - TEVES GMBH ALFRED [DE]
- [YA] DE 3507923 A1 19860911 - FRAUNHOFER GES FORSCHUNG [DE]
- [A] DE 4015412 C1 19910620
- [A] DE 4342593 A1 19950622 - BOSCH GMBH ROBERT [DE]
- [A] EP 0659523 A1 19950628 - SNECMA [FR]

Cited by

EP1955815A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0753382 A2 19970115; EP 0753382 A3 19970312; EP 0753382 B1 20011121; DE 69617119 D1 20020103; DE 69617119 T2 20020418; ES 2129289 A1 19990601; ES 2129289 B1 20000216

DOCDB simple family (application)

EP 96500095 A 19960704; DE 69617119 T 19960704; ES 9501402 A 19950712