

Title (en)

Vibrating machine, particularly for the surface finishing of parts, with automatic unloading means.

Title (de)

Rüttelmaschine, insbesondere für die Oberflächenfertigung von Werkstücken mit automatischer Entladung.

Title (fr)

Machine vibrante, en particulier pour la finition de surfaces de pièces, avec dispositif de déchargement automatique.

Publication

**EP 0400515 A1 19901205 (EN)**

Application

**EP 90110046 A 19900528**

Priority

IT 2077689 A 19890602

Abstract (en)

The present invention relates to a vibrating machine, particularly for the surface finishing of parts, with automatic unloading means, which comprises a tank body (1) provided with vibration means and connected to a supporting frame (2) with the interposition of anti-vibration means. The tank body (1) is provided with an internal bottom (3) which defines a ramp-like portion (4) for sending the parts toward an unloading plane (5) by means of a connecting wing (6) associated with the unloading plane (5) and removably associable with said ramp-like portion (4) for the extraction of the finished parts. The peculiarity of the invention resides in the fact that it comprises a lower detector (12) of the positioning of the wing (6) in lowered position on the ramp-like portion (4) and at least one intervention timer which controls the time of passage of the connecting wing (6) from the raised position to the lowered position and drives the actuation of motor means (10) for moving the connecting wing.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [A] DE 3703545 A1 19880818 - WALTHER CARL KURT GMBH [DE]
- [A] EP 0229297 A2 19870722 - WALTHER CARL KURT GMBH [DE]

Cited by

EP0494490A1; EP1361022A3; EP1358966A3

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**EP 0400515 A1 19901205; EP 0400515 B1 19931215**; AT E98545 T1 19940115; DE 69005196 D1 19940127; DE 69005196 T2 19940707; IT 1230226 B 19911018; IT 8920776 A0 19890602

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