

Title (en)  
MACHINE FOR THE VIBRATORY FINISHING OF WORKPIECES

Publication  
**EP 0103848 B1 19860305 (DE)**

Application  
**EP 83109079 A 19830914**

Priority  
DE 3234819 A 19820920

Abstract (en)  
[origin: US4559742A] Method for vibratory grinding of workpieces by means of abrasive bodies or the like under the influence of accelerative forces, wherein a homogenous, substantially horizontal stream consisting of workpieces and abrasive bodies is circularly limited in its lateral expansion and is moved as a whole around a substantially horizontal axis. The machine for vibratory grinding of workpieces by means of abrasive bodies or the like, in which the aforementioned method is applied, has a substantially horizontally disposed drum receiving the stream of workpieces and abrasive bodies and being completely filled therewith, being substantially stable in space with respect to rotation and having a circular cross section; this drum is movable in a circular path or the like, wherein the angular velocity of the drum wall around the axis of the drum is substantially "zero"; the drum has an inlet orifice at its one end and at its other end an outlet orifice which is adjustable with respect to its cross-sectional area.

IPC 1-7  
**B24B 31/06**

IPC 8 full level  
**B24B 31/06** (2006.01)

CPC (source: EP US)  
**B24B 31/062** (2013.01 - EP US)

Cited by  
DE102010037077A1; WO2012022510A1

Designated contracting state (EPC)  
CH DE FR GB IT LI

DOCDB simple family (publication)  
**EP 0103848 A2 19840328; EP 0103848 A3 19841205; EP 0103848 B1 19860305; DE 3234819 A1 19840322; DE 3362445 D1 19860410; US 4559742 A 19851224**

DOCDB simple family (application)  
**EP 83109079 A 19830914; DE 3234819 A 19820920; DE 3362445 T 19830914; US 53330383 A 19830919**