

Title (en)  
DECORING MACHINE/VIBRATING MACHINE WITH IMPROVED DRIVE

Title (de)  
ENTKERNMASCHINE/RÜTTELMASCHINE MIT VERBESSERTEM ANTRIEB

Title (fr)  
MACHINE DE DÉNOYAUTAGE/MACHINE VIBRANTE ÉQUIPÉE D'UN ENTRAÎNEMENT AMÉLIORÉ

Publication  
**EP 3283247 A1 20180221 (DE)**

Application  
**EP 16724579 A 20160418**

Priority  
• AT 503052015 A 20150417  
• AT 2016050100 W 20160418

Abstract (en)  
[origin: WO2016164955A1] The invention relates to a decorating machine/vibrating machine (101..104), which comprises a first machine frame (2), a machine table (3) mounted such that it can move in relation to the first machine frame (2) for clamping a workpiece, two eccentric masses (4) driven in opposite directions and mounted on the machine table (3), as well as at least one drive motor (5) arranged on the first machine frame (2). A power or torque flow from at least one drive motor (5) to the two eccentric masses (4) is guided such that a branch and/or a junction in the power flow/torque flow or means for synchronizing the two eccentric masses (4) are provided on the first machine frame (2). In addition, the power flow/torque flow between the first machine frame (2) and the machine table (3) is guided via at least one belt (6) leading to each eccentric mass (4).

IPC 8 full level  
**B22D 29/00** (2006.01); **B08B 7/00** (2006.01)

CPC (source: AT CN EP)  
**B06B 1/161** (2013.01 - EP); **B22D 29/001** (2013.01 - AT); **B22D 29/005** (2013.01 - AT CN EP); **B22D 29/02** (2013.01 - AT);  
**B08B 7/02** (2013.01 - EP)

Citation (search report)  
See references of WO 2016164955A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2016164955 A1 20161020**; AT 517133 A1 20161115; AT 517133 B1 20170915; CN 107660166 A 20180202; CN 107660166 B 20190924;  
EP 3283247 A1 20180221

DOCDB simple family (application)  
**AT 2016050100 W 20160418**; AT 503052015 A 20150417; CN 201680029819 A 20160418; EP 16724579 A 20160418