

Title (en)

DECORING MACHINE FOR DECORING CASTINGS

Title (de)

ENTKERNMASCHINE ZUM ENTHERNEN VON GUSSWERKSTÜCKEN

Title (fr)

MACHINE DE DÉBOURRAGE POUR LE DÉBOURRAGE DE PIÈCES COULÉES

Publication

EP 3678791 B1 20240124 (DE)

Application

EP 18785244 A 20180904

Priority

- AT 507512017 A 20170907
- AT 2018060197 W 20180904

Abstract (en)

[origin: WO2019046873A1] The invention relates to a decoring machine (1) for decoring castings, comprising: a first machine frame (2); a machine table (4); a first eccentric mass (5), wherein the first eccentric mass (5) is coupled to a first output pulley (6); a second eccentric mass (7), wherein the second eccentric mass (7) is coupled to a second output pulley (8); wherein the second eccentric mass (7) is driven in the opposite direction to the first eccentric mass (5); at least one drive motor (9), which is arranged on the first machine frame (2), wherein the drive motor (9) is coupled to a drive pulley (10); a coupling means (11), by means of which the drive motor (9) is coupled to the two eccentric masses (5, 7) driven in opposite directions. The coupling means (11) comprises an endlessly connected flexible drive means (12), which wraps around the first output pulley (6) coupled to the first eccentric mass (5), the second output pulley (8) coupled to the second eccentric mass (7), and the drive pulley (10) coupled to the drive motor (9).

IPC 8 full level

B06B 1/16 (2006.01); **B22D 29/00** (2006.01); **B22D 29/02** (2006.01)

CPC (source: AT EP)

B06B 1/16 (2013.01 - EP); **B22D 29/001** (2013.01 - AT); **B22D 29/005** (2013.01 - AT EP); **B22D 29/02** (2013.01 - AT EP)

Citation (examination)

- AT 411971 B 20040826 - SCHNEEBAUER WOLFGANG ING [AT]
- AT 520666 A1 20190615 - FILL GMBH [AT]

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

DOCDB simple family (publication)

WO 2019046873 A1 20190314; AT 520358 A1 20190315; AT 520358 B1 20191015; CN 110267747 A 20190920; CN 110267747 B 20210601;
DE 202018006198 U1 20190708; EP 3678791 A1 20200715; EP 3678791 B1 20240124

DOCDB simple family (application)

AT 2018060197 W 20180904; AT 507512017 A 20170907; CN 201880010805 A 20180904; DE 202018006198 U 20180904;
EP 18785244 A 20180904