Title (en)

BURR REMOVAL DEVICE AND BURR REMOVAL METHOD

Title (de)

ENTGRATUNGSVORRICHTUNG UND ENTGRATUNGSVERFAHREN

Title (fr)

DISPOSITIF D'ÉBAVURAGE ET PROCÉDÉ D'ÉBAVURAGE

Publication

EP 3231556 A4 20180523 (EN)

Application

EP 15867853 A 20151029

Priority
- JP 2014247523 A 20141208
- JP 2015092456 A 20150429
- JP 2015080599 W 20151029

Abstract (en)

[origin: EP3231556A1] A burr removal method includes: a step of preparing a burr removal device including a processing container and a suction mechanism for generating suction force, and a plurality of objects to be processed; a step of setting the plurality of objects to be processed in the processing container; a step of stirring the plurality of objects to be processed which are set in the processing container; and a step of removing burrs from the plurality of objects to be processed in such a manner that abrasive grains, fed to the plurality of objects to be processed in the stirred state, are accelerated to a predetermined speed by air flow generated by operating the suction mechanism, to thereby contact or collide with the plurality of objects to be processed.

IPC 8 full level

B24C 1/00 (2006.01); **B24C 1/08** (2006.01); **B24C 3/26** (2006.01); **B24C 3/32** (2006.01); **B24C 5/00** (2006.01); **B24C 9/00** (2006.01)

CPC (source: EP KR)

B24C 1/00 (2013.01 - EP); **B24C 1/083** (2013.01 - EP KR); **B24C 3/26** (2013.01 - EP KR); **B24C 3/32** (2013.01 - EP KR); **B24C 5/00** (2013.01 - EP KR); **B24C 9/00** (2013.01 - EP KR); **B24C 9/003** (2013.01 - EP)

Citation (search report)
- [A] WO 2012020517 A1 20120216 - SINTOKOGIO LTD [JP], et al
- [A] US 3824739 A 19740723 - MORET B, et al
- [A] US 2004053561 A1 20040318 - PIEPER GERARD [DE]
- See also references of WO 2016092975A1

Cited by

IT201900007052A1; WO2020233846A1

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)

EP 3231556 A1 20171018; **EP 3231556 A4 20180523**; **EP 3231556 B1 20240410**; CN 107000161 A 20170801; CN 107000161 B 20190702; JP 6489131 B2 20190327; JP WO2016092975 A1 20170914; KR 102432764 B1 20220817; KR 20170092623 A 20170811; TW 201628774 A 20160816; TW I673140 B 20191001; WO 2016092975 A1 20160616

DOCDB simple family (application)

EP 15867853 A 20151029; CN 201580064186 A 20151029; JP 2015080599 W 20151029; JP 2016563568 A 20151029; KR 20177017995 A 20151029; TW 104136899 A 20151109