

Title (en)
BRUSH UNIT

Title (de)
BÜRSTENAGGREGAT

Title (fr)
ENSEMBLE BROSSE

Publication
EP 2618965 A1 20130731 (DE)

Application
EP 11764515 A 20110923

Priority
• DE 102010046398 A 20100924
• EP 2011066602 W 20110923

Abstract (en)
[origin: CA2812466A1] The present invention relates to a brush unit (3) and to an associated rotary brush tool. The brush unit (3) is equipped with a brush holder (10, 11), which can be driven in rotation, and with an annular brush (4, 5) with a bristle-covered rim (8) with outwardly protruding bristles (5). Furthermore, a stop means (14) which dips into the rotating bristle-covered rim (8) is provided. According to the invention, the stop means (14) simultaneously acts as an abrasive body (14) for the bristles (5). In this case, a distinction is made between both functions (stopper function and abrasive function) according to a direction of rotation (R) of the annular brush (4, 5) and/or a setting position of the stop means (14) as compared to the bristle-covered rim (8).

IPC 8 full level
B24B 29/00 (2006.01); **A46B 13/00** (2006.01); **A46B 17/00** (2006.01); **B24B 39/00** (2006.01); **B24D 13/10** (2006.01)

CPC (source: EP KR US)
A46B 13/00 (2013.01 - KR); **A46B 13/001** (2013.01 - EP US); **A46B 15/0016** (2013.01 - EP US); **A46B 17/00** (2013.01 - KR); **A46B 17/06** (2013.01 - US); **B24B 29/00** (2013.01 - KR); **B24B 29/005** (2013.01 - EP US); **B24B 39/00** (2013.01 - KR); **B24B 39/003** (2013.01 - EP US); **B24D 13/10** (2013.01 - EP KR US); **A46B 17/00** (2013.01 - EP US); **A46B 2200/3093** (2013.01 - EP US)

Citation (search report)
See references of WO 2012038537A1

Cited by
DE102019117812B3; EP3698918A1; EP3649889A1; DE102018128269A1

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)
DE 102010046398 A1 20120329; BR 112013006849 A2 20160614; CA 2812466 A1 20120329; CA 2812466 C 20180116; CN 103249524 A 20130814; CN 103249524 B 20150902; EP 2618965 A1 20130731; EP 2618965 B1 20141224; JP 2013538699 A 20131017; JP 5758005 B2 20150805; KR 101869115 B1 20180619; KR 20130126599 A 20131120; MX 2013003310 A 20130729; RU 2013118719 A 20141027; RU 2570860 C2 20151210; US 2014299153 A1 20141009; US 9918544 B2 20180320; WO 2012038537 A1 20120329

DOCDB simple family (application)
DE 102010046398 A 20100924; BR 112013006849 A 20110923; CA 2812466 A 20110923; CN 201180046149 A 20110923; EP 11764515 A 20110923; EP 2011066602 W 20110923; JP 2013529663 A 20110923; KR 20137010170 A 20110923; MX 2013003310 A 20110923; RU 2013118719 A 20110923; US 201113825560 A 20110923