

Title (en)  
PERSONAL CARE APPLIANCE

Title (de)  
KÖRPERPFLEGEGERÄT

Title (fr)  
APPAREIL DE SOINS CORPORELS

Publication  
**EP 3244865 A1 20171122 (EN)**

Application  
**EP 15823297 A 20151221**

Priority  
• US 201414588092 A 20141231  
• US 2015067150 W 20151221

Abstract (en)  
[origin: US2016183671A1] Oscillating motor mounting systems for personal care appliances are disclosed that reduce vibration transmitted to the appliance handle. In order to reduce vibration in the handle, the oscillating motor is suspended within the personal care appliance via a suspension system.

IPC 8 full level  
**A61H 7/00** (2006.01); **A61C 17/22** (2006.01); **A61H 23/02** (2006.01); **B26B 19/38** (2006.01)

CPC (source: CN EP KR US)  
**A46B 9/021** (2013.01 - KR); **A46B 13/008** (2013.01 - CN EP KR US); **A46B 13/02** (2013.01 - CN EP US); **A46B 13/023** (2013.01 - KR US); **A46B 15/0006** (2013.01 - KR); **A47K 7/04** (2013.01 - KR); **A61H 7/004** (2013.01 - KR); **A61H 7/005** (2013.01 - CN EP US); **A61H 23/0254** (2013.01 - CN EP KR US); **B26B 19/3866** (2013.01 - CN EP US); **A46B 2200/1006** (2013.01 - CN EP KR US); **A46B 2200/102** (2013.01 - CN EP US); **A46B 2200/1026** (2013.01 - KR); **A61C 17/225** (2013.01 - CN EP US); **A61H 2201/0165** (2013.01 - CN EP US); **F16F 1/376** (2013.01 - EP US); **F16F 15/08** (2013.01 - EP US)

Citation (search report)  
See references of WO 2016109295A1

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)  
**US 2016183671 A1 20160630**; CN 107105885 A 20170829; EP 3244865 A1 20171122; JP 2018503437 A 20180208; KR 20170099941 A 20170901; WO 2016109295 A1 20160707

DOCDB simple family (application)  
**US 201414588092 A 20141231**; CN 201580072073 A 20151221; EP 15823297 A 20151221; JP 2017534778 A 20151221; KR 20177019454 A 20151221; US 2015067150 W 20151221