

Title (en)
WASHING BRUSH

Title (de)
WASCHBÜRSTE

Title (fr)
BROSSE DE LAVAGE

Publication
EP 1677646 A1 20060712 (DE)

Application
EP 04790699 A 20041021

Priority
• EP 2004011892 W 20041021
• DE 10351880 A 20031029

Abstract (en)
[origin: WO2005041712A1] The invention relates to a washing brush for cleaning objects, comprising a rotationally mounted brush head which can be driven by the gearing of a drive wheel which can be impinged upon by pressurized cleaning liquid. In order to further develop the washing brush so that high torque can be produced in the brush head at a low rotational speed, the gearing comprises two internally toothed, internally geared wheels which are oriented coaxially in relation to each other. One of the internally geared wheels is rotationally mounted. The other internally geared wheel is fixed. At least one coupling element, which is actively connected to the drive wheel and which is provided with external toothing, intermeshes simultaneously with two internally geared wheels and the two internally geared wheels have a different number of teeth.

IPC 1-7
A46B 13/06

IPC 8 full level
A46B 13/00 (2006.01); **A46B 13/06** (2006.01)

CPC (source: EP US)
A46B 13/008 (2013.01 - EP US); **A46B 13/06** (2013.01 - EP US); **A46B 2200/3046** (2013.01 - EP US)

Citation (search report)
See references of WO 2005041712A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 10351880 B3 20050504; CN 1874704 A 20061206; EP 1677646 A1 20060712; EP 1677646 B1 20121205; EP 1677646 B8 20130424; US 2006242774 A1 20061102; WO 2005041712 A1 20050512

DOCDB simple family (application)
DE 10351880 A 20031029; CN 200480031854 A 20041021; EP 04790699 A 20041021; EP 2004011892 W 20041021; US 41223306 A 20060425