

Title (en)

VACUUM NOZZLE AND VACUUM CLEANER FOR HARD SURFACES

Title (de)

SAUGDÜSE UND HARTFLÄCHENABSAUGGERÄT

Title (fr)

BUSE D'ASPIRATION ET ASPIRATEUR POUR SURFACES DURES

Publication

EP 3185743 A1 20170705 (DE)

Application

EP 14758373 A 20140829

Priority

EP 2014068425 W 20140829

Abstract (en)

[origin: WO2016029968A1] The aim of the invention is to improve the manipulation of a suction nozzle, in particular for a portable hard-surface suction apparatus comprising a suction device, for cleaning hard surfaces. According to the invention, the suction nozzle has a suction opening connected to a suction channel, wherein the end of the suction channel facing away from the suction opening can be connected to the suction device. In order to achieve said aim, it is proposed that a joint is disposed or formed between the suction opening and the end of the suction channel so as to move the suction opening relative to the end of the suction channel and that a blocking device is provided for the force- and/or form-fitting blocking of the joint in at least one blocking position. The invention further relates to an improved hard-surface suction apparatus.

IPC 8 full level

A47L 1/05 (2006.01); **A47L 5/24** (2006.01); **A47L 9/02** (2006.01)

CPC (source: EP)

A47L 1/05 (2013.01); **A47L 11/40** (2013.01); **A47L 11/4044** (2013.01)

Citation (search report)

See references of WO 2016029968A1

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)

WO 2016029968 A1 20160303; CN 106604669 A 20170426; CN 106604669 B 20191105; EP 3185743 A1 20170705; EP 3185743 B1 20191113

DOCDB simple family (application)

EP 2014068425 W 20140829; CN 201480081553 A 20140829; EP 14758373 A 20140829