

Title (en)
VACUUM CLEANER POWER NOZZLE HAVING SELECTIVELY INTRODUCED SECONDARY AIRFLOW FOR OPERATION ON CARPETED SURFACES

Title (de)
STAUBSAUGERDÜSE MIT SELEKTIV EINGEFÜHRTEM SEKUNDÄREM LUFTSTROM ZUM BETRIEB AUF TEPPICHFLÄCHEN

Title (fr)
BUSE D'ASPIRATEUR MOTORISÉE À FLUX D'AIR SECONDAIRE INTRODUIT DE MANIÈRE SÉLECTIVE POUR UNE UTILISATION SUR DES SURFACES RECOUVERTES DE MOQUETTE

Publication
EP 3429450 A1 20190123 (EN)

Application
EP 17707421 A 20170127

Priority
• US 201662388434 P 20160127
• US 2017000008 W 20170127

Abstract (en)
[origin: US2017209009A1] A vacuum cleaner power nozzle adjustable for use on low- and high-pile carpets. Vent openings across the front of the nozzle selectively open to introduce a secondary flow of air at the leading side of the roller brush of the nozzle. The secondary flow of air reduces resistance to movement of the power nozzle over high-pile carpet, and is drawn under the rotating roller brush to aid in displacement and removal of particulate from the carpet.

IPC 8 full level
A47L 9/04 (2006.01)

CPC (source: EP US)
A47L 5/30 (2013.01 - US); **A47L 9/0411** (2013.01 - US); **A47L 9/0444** (2013.01 - US); **A47L 9/0477** (2013.01 - EP US)

Citation (search report)
See references of WO 2017136086A1

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 2017209009 A1 20170727; CN 109152503 A 20190104; EP 3429450 A1 20190123; WO 2017136086 A1 20170810

DOCDB simple family (application)
US 201715530551 A 20170127; CN 201780020456 A 20170127; EP 17707421 A 20170127; US 2017000008 W 20170127