

Title (en)
UNIVERSAL CONNECTION FOR VACUUM CLEANER NOZZLE

Title (de)
UNIVERSALVERBINDUNG FÜR EINE STAUBSAUGERDÜSE

Title (fr)
RACCORD UNIVERSEL POUR SUCEUR D'ASPIRATEUR

Publication
EP 2775892 A4 20150708 (EN)

Application
EP 12850815 A 20121030

Priority
• SE 1100831 A 20111108
• SE 2012000170 W 20121030

Abstract (en)
[origin: WO2013077793A1] A universal connection for vacuum cleaner nozzles comprising an adaptor (4) fitted for different vacuum cleaner pipes. According to the invention the adaptor- holder (2) is in one part (5) connected to a vacuum cleaner nozzle and in the other part (6) comprising an adaptor (4) and a ratchet (3) with an integrated spring (9) whereby the adaptor is fixed respective released axially by the ratchet (3) which normally is fixing the adaptor (4) by the side (8) in the cavity (7) which is arranged on the outside of the adaptor (4). The part (6) of the adaptor- holder (2) is inwardly shaped as a not cylindric tube comprising an existing design of a not cylindric vacuum cleaner pipe. The adaptor (4) is inwardly mainly shaped cylindric with different diameters at different length sections for matching different dimensions of cylindric vacuum cleaner pipes and with cavities, holes and knobs etc. for those cylindric vacuum cleaner pipes which shows a functionally need of it, and as an extension of the adaptor, inwardly arranged a comprising shape for additional designs of not cylindric vacuum cleaner pipes.

IPC 8 full level
A47L 9/00 (2006.01); **A47L 9/24** (2006.01)

CPC (source: EP SE)
A47L 9/00 (2013.01 - SE); **A47L 9/242** (2013.01 - EP SE)

Citation (search report)
• [A] US 3159412 A 19641201 - RAYMOND DESCARRIES
• [A] EP 1252854 A1 20021030 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
• [A] DE 3605605 A1 19870903 - VSR ENG FOERDERTECHNIK [DE]
• See also references of WO 2013077793A1

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)
WO 2013077793 A1 20130530; EP 2775892 A1 20140917; EP 2775892 A4 20150708; EP 2775892 B1 20180321; SE 1100831 A1 20120918; SE 535543 C2 20120918

DOCDB simple family (application)
SE 2012000170 W 20121030; EP 12850815 A 20121030; SE 1100831 A 20111108