

Title (en)
Telescopic vacuum cleaner suction tube

Title (de)
Teleskopierbares Staubsauger-Saugrohr

Title (fr)
Tube d'aspiration télescopique pour aspirateur

Publication
EP 1872702 A3 20080813 (DE)

Application
EP 07012128 A 20070621

Priority
DE 102006030138 A 20060629

Abstract (en)
[origin: DE102006030138B3] The tube has an interspace between inner and outer tubes sealed by a sealing lip (30) that is supported on an inner mantel surface of the outer tube and formed by a sealing sleeve (13). An axial end section (17) of a sleeve wall (20) is extended in the funnel shaped manner under the formation of an interior extensive bearing surface and under the formation of the sealing lip (30) supported on the mantel surface of the outer tube. Another axial end section (15) of the sleeve wall forms an additional sealing lip (27).

IPC 8 full level
A47L 9/24 (2006.01)

CPC (source: EP KR)
A47L 9/24 (2013.01 - KR); **A47L 9/244** (2013.01 - EP)

Citation (search report)

- [A] DE 10142684 C1 20021107 - FISCHER ROHRTECHNIK GMBH [DE]
- [A] GB 1385240 A 19750226 - PONT A MOUSSON
- [AD] DE 9006234 U1 19900809
- [A] US 3656771 A 19720418 - STOUT JOHN C

Cited by
EP2277427A3; EP2277427A2; WO2013064050A1

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

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
DE 102006030138 B3 20071018; CN 101095605 A 20080102; CN 101095605 B 20110413; DE 502007003824 D1 20100701;
EP 1872702 A2 20080102; EP 1872702 A3 20080813; EP 1872702 B1 20100519; KR 101293932 B1 20130808; KR 20080001666 A 20080103;
PL 1872702 T3 20101029

DOCDB simple family (application)
DE 102006030138 A 20060629; CN 200710112274 A 20070629; DE 502007003824 T 20070621; EP 07012128 A 20070621;
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