

Title (en)

CLEANING APPARATUS FOR DRY OR WET SUCTION AND/OR FOR RINSE EXTRACTION CLEANING

Publication

EP 0176697 B1 19900516 (DE)

Application

EP 85109743 A 19850802

Priority

DE 8428799 U 19840929

Abstract (en)

[origin: EP0176697A2] 1. Cleaning apparatus for dry suction, wet suction and/or for rinse extraction cleaning comprising a suction unit (5), a dirt collecting tank (21) communicating with the suction side of said unit via a drain line (15), a suction line (38) opening into said tank, and a feed pump (6) communicating on its suction side with a cleaning fluid tank (20) via a feed line (35) and on its delivery side with a spray line (10), said suction unit (5) and said feed pump (6) being arranged in a housing (3) having in a side wall (13) connections with openings (14, 12, 16) for said suction line, for said drain line and for said feed line, the removable dirt collecting tank (21) and the likewise removable cleaning fluid tank (20) being arranged next to the housing (3) such that openings (34, 36, 37) at connections of said tanks (20, 21), to which continuations of said suction line, said drain line and said feed line, respectively, are joined, are aligned with the corresponding openings (14, 12, 16) of said housing (3), and said tanks (20, 21) are braced against said connections of said housing (3) such that the respectively corresponding openings of said housing (3) and said tanks (20, 21) are sealed against one another, characterized in that said openings (34, 36, 37) and the connecting line portions (35, 38, 40) of said tanks (20, 21) joined to said openings are arranged on a slide-in unit (31, 32) insertable from above into a recess (30) in a side wall (27, 29) of said tank (20, 21).

IPC 1-7

A47L 7/00; **A47L 11/34**

IPC 8 full level

A47L 7/00 (2006.01); **A47L 11/34** (2006.01)

CPC (source: EP)

A47L 11/34 (2013.01); **A47L 11/4022** (2013.01); **A47L 11/4083** (2013.01)

Cited by

CN102834035A; EP0297526A3; EP0529805A3; EP0245873A1; EP1602306A3; US5263223A; US5146647A; EP0567044A1; US5400462A; US2013031732A1; AU2004202941B2; EP0545138A1; FR2684284A1; US5301386A; USD907868S; US7377009B2; US7406739B2; US7028925B2; US9730566B2; US9757005B2; US10555657B2

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0176697 A2 19860409; **EP 0176697 A3 19870204**; **EP 0176697 B1 19900516**; AT E42455 T1 19890515; AT E52680 T1 19900615; DE 3569661 D1 19890601; DE 3577649 D1 19900621; DE 8428799 U1 19850214; EP 0176696 A2 19860409; EP 0176696 A3 19870325; EP 0176696 B1 19890426

DOCDB simple family (application)

EP 85109743 A 19850802; AT 85109742 T 19850802; AT 85109743 T 19850802; DE 3569661 T 19850802; DE 3577649 T 19850802; DE 8428799 U 19840929; EP 85109742 A 19850802