

Title (en)
Flat surfaces cleaning apparatus.

Title (de)
Bodenreinigungsgerät.

Title (fr)
Appareil de nettoyage de surfaces planes.

Publication
EP 0545138 B1 19950809 (FR)

Application
EP 92119619 A 19921117

Priority
FR 9114834 A 19911129

Abstract (en)
[origin: US5301386A] Apparatus for cleaning flat surfaces comprising a collector (1) for dust and liquid connected to a suction moto-ventilator group (2) and to a suction (3). A reservoir (4) for cleaning liquid is connected to an injection pump group (5), itself connected to a nozzle (6) provided in the suction, as well as an electrical control (7) for the suction group. The injection group, said collector (1) and the reservoir (4) are mounted removably on the upper surface (8) of a base (9) which encloses the suction group (2) and injection group (5). The base (9) comprises an arch (21) which extends above the upper surface (8) of the base (9) in a transverse plane and which comprises two lateral members (23, 26) and a medial member (22) mounted articulately on one of the lateral members. The medial member (22) has at its free end (24) a locking member (25) with the other lateral member (26). A retainer immobilizes the collector and the reservoir on the base (9) when the medial member (22) is locked.

IPC 1-7
A47L 11/34

IPC 8 full level
A47L 11/34 (2006.01)

CPC (source: EP US)
A47L 11/34 (2013.01 - EP US); **A47L 11/4016** (2013.01 - EP US)

Cited by
EP2742842A1; GB2615717A; WO2022119817A1; US9474424B2; US9615703B2; US10327616B2; US11259678B2; US11771287B2

Designated contracting state (EPC)
DE ES GB IT NL PT SE

DOCDB simple family (publication)
EP 0545138 A1 19930609; EP 0545138 B1 19950809; CA 2082783 A1 19930530; DE 69204030 D1 19950914; DE 69204030 T2 19960118; ES 2076653 T3 19951101; FR 2684284 A1 19930604; FR 2684284 B1 19951110; US 5301386 A 19940412

DOCDB simple family (application)
EP 92119619 A 19921117; CA 2082783 A 19921112; DE 69204030 T 19921117; ES 92119619 T 19921117; FR 9114834 A 19911129; US 98387192 A 19921127