

Title (en)

IMMERSED SURFACE CLEANING DEVICE PROVIDED WITH A NON-RETURN INLET CONDUIT

Title (de)

MIT EINER RÜCKFLUSSSPERREINLASSLEITUNG VERSEHENE REINIGUNGSVORRICHTUNG MIT EINGETAUCHTER FLÄCHE

Title (fr)

APPAREIL NETTOYEUR DE SURFACE IMMERGEE A CONDUIT D'ENTRÉE ANTI-RETOUR

Publication

EP 1735510 A1 20061227 (FR)

Application

EP 05757071 A 20050413

Priority

- FR 2005000891 W 20050413
- FR 0403884 A 20040414

Abstract (en)

[origin: CA2558765A1] The invention relates to an immersed surface cleaning device comprising a filtering chamber (6) provided, through a lower rigid wall (8), with at least one liquid inlet (9a, 9b) which has a non-return unit, at least one filter (7) remote from each liquid inlet (9a, 9b) in such a way that a solid impurities retaining area (12) is defined and with a hydraulic circuit for forming a liquid flow by pumping means (4). At least one non-return unit comprises an anti-return conduit (20) which extends through the retaining area (12) away from the liquid inlet and whose free end (21) enters said retaining area (12), wherein the conduit is used for preventing at least the passage of impurities in an opposite direction from the retaining area through the liquid inlet at least when said pumping means is unused.

IPC 8 full level

E04H 4/16 (2006.01)

CPC (source: EP US)

E04H 4/1654 (2013.01 - EP US)

Citation (search report)

See references of WO 2005103416A1

Cited by

ES2413186R1

Designated contracting state (EPC)

DE ES FR IT

DOCDB simple family (publication)

FR 2869058 A1 20051021; FR 2869058 B1 20120427; CA 2558765 A1 20051103; EP 1735510 A1 20061227; US 2007251032 A1 20071101; WO 2005103416 A1 20051103

DOCDB simple family (application)

FR 0403884 A 20040414; CA 2558765 A 20050413; EP 05757071 A 20050413; FR 2005000891 W 20050413; US 57816005 A 20050413