

Title (en)

CLEANSING METHOD AND DEVICE BY MICRONISING WATER UNDER VACUUM

Title (de)

VORRICHTUNG UND VERFAHREN FÜR ENTKEIMUNG MITTELS UNTERDRUCKWASSER-MIKRONISIERUNG

Title (fr)

DISPOSITIF ET PROCEDE DE MISE EN HYGIENE PAR MICRONISATION D'EAU SOUS VIDE

Publication

EP 0889702 B1 20000906 (FR)

Application

EP 97906236 A 19970220

Priority

- FR 9700319 W 19970220
- FR 9602312 A 19960221

Abstract (en)

[origin: WO9730623A1] A cleansing device operating by suction in a wet medium and comprising a clean water storage tank (1) and a dirty water storage tank (2) combined with a means for wetting the surface or object to be cleansed, a pressurising unit substantially consisting of a pump (10), temperature raising means (14, 15), a temperature control and adjustment means (20), and a suction means (8) for drawing dirty water through an air duct (7) with a downstream end communicating with the second tank (2) in which a vacuum is generated by means of a set of turbines (8). The control and adjustment means are controlled by a computing means to ensure consistent and continuous operation thereof. Said device comprises a means for moistening the surface of the object to be cleansed by means of a fine fog generated by at least one micronising spout (11) arranged adjacent to said surface for micronising water from the first tank (1). Said micronising spout (11) is built into a terminal device (46) at the end of the suction air duct (7).

IPC 1-7

A47L 11/34

IPC 8 full level

A47L 11/34 (2006.01)

CPC (source: EP)

A47L 11/34 (2013.01); **A47L 11/4044** (2013.01); **A47L 11/4061** (2013.01); **A47L 11/4088** (2013.01)

Designated contracting state (EPC)

BE CH DE DK ES FR GB IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 9730623 A1 19970828; AU 2099297 A 19970910; CA 2247518 A1 19970828; DE 69703037 D1 20001012; EP 0889702 A1 19990113; EP 0889702 B1 20000906; FR 2744935 A1 19970822

DOCDB simple family (application)

FR 9700319 W 19970220; AU 2099297 A 19970220; CA 2247518 A 19970220; DE 69703037 T 19970220; EP 97906236 A 19970220; FR 9602312 A 19960221