

Title (en)

SELF-PROPELLED RUNNING APPARATUS FOR CLEANING IMMERSED SURFACE COMPRISING DETACHABLE RUNNING MEMBER(S)

Title (de)

ROLLVORRICHTUNG MIT SELBSTANTRIEB ZUR REINIGUNG EINER EINGETAUCHTEN FLÄCHE MIT EINEM ODER MEHREREN LÖSBAREN ROLLGLIEDERN

Title (fr)

APPAREIL ROULANT AUTOMOTEUR NETTOYEUR DE SURFACE IMMERGEE A ORGANE(S) DE ROULEMENT DEMONTABLE(S)

Publication

**EP 1349998 B1 20070221 (FR)**

Application

**EP 01271480 A 20011211**

Priority

- FR 0103932 W 20011211
- FR 0016784 A 20001221

Abstract (en)

[origin: WO0250387A1] The invention concerns a self-propelled running apparatus for cleaning a surface immersed in a liquid, comprising at least a transverse running member (15), having two axial ends through which it is mounted rotatable on a frame about a transverse axis of rotation, means guiding in rotation said running member, including means driving in rotation said member through at least one of its axial ends, and whereof a part at least, called frame-mounted guide means, is borne by the frame. Said cleaning apparatus is characterised in that the guide means are adapted to enable, without dismantling relative to the frame the frame-mounted guide means and without dismantling the frame itself, at least the displacement of the running member (15) between a position, called working position, wherein the running member co-operates with the guide means so as to be driven in rotation about the transverse axis, and a position, called maintenance position, adapted to enable at least one component (21, 22) forming a running surface of the running member to be changed.

IPC 8 full level

**E04H 4/16** (2006.01)

CPC (source: EP US)

**E04H 4/1654** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**WO 0250387 A1 20020627**; AT E354710 T1 20070315; AU 1724702 A 20020701; DE 60126825 D1 20070405; DE 60126825 T2 20071108; EP 1349998 A1 20031008; EP 1349998 B1 20070221; ES 2282197 T3 20071016; FR 2818679 A1 20020628; FR 2818679 B1 20030404; US 2004045104 A1 20040311; US 6954960 B2 20051018; ZA 200304951 B 20040628

DOCDB simple family (application)

**FR 0103932 W 20011211**; AT 01271480 T 20011211; AU 1724702 A 20011211; DE 60126825 T 20011211; EP 01271480 A 20011211; ES 01271480 T 20011211; FR 0016784 A 20001221; US 45118403 A 20030620; ZA 200304951 A 20030625