

Title (en)  
SELF-PROPELLED RUNNING APPARATUS FOR CLEANING AN IMMERSED SURFACE

Title (de)  
ROLLVORRICHTUNG MIT SELBSTANTRIEB ZUR REINIGUNG EINER EINGETAUCHTEN FLÄCHE

Title (fr)  
APPAREIL ROULANT AUTOMOTEUR NETTOYEUR DE SURFACE IMMERGEE

Publication  
**EP 1352137 B1 20070912 (FR)**

Application  
**EP 01271481 A 20011211**

Priority  
• FR 0103933 W 20011211  
• FR 0016785 A 20001221

Abstract (en)  
[origin: US6886205B1] The invention concerns a self-propelled running apparatus for cleaning an immersed surface, comprising in combination a rigid transverse motor housing ( 1 ), two lateral flanges ( 6 ) rigidly fixed on either side of the motor housing ( 1 ) so as to form a rigid H-shaped frame ( 72 ), a front transverse wall ( 9 ) removably fixed to said frame ( 72 ), a rear transverse wall ( 10 ), a base ( 11 ) provided with water inlets ( 66 ) and a top hood ( 5 ) fixed to the frame ( 72 ) provided with a top orifice ( 4 ) for water evacuation, a unidirectional hydraulic circuit being provided from the inlets ( 66 ) between the transverse walls ( 9, 10 ), the motor housing ( 1 ) and the flanges ( 6 ), up to the top orifice ( 4 ) of the hood ( 5 ).

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 0250388 A1 20020627**; AT E373154 T1 20070915; AU 1724802 A 20020701; DE 60130486 D1 20071025; DE 60130486 T2 20080619; EP 1352137 A1 20031015; EP 1352137 B1 20070912; ES 2293962 T3 20080401; FR 2818680 A1 20020628; FR 2818680 B1 20030404; US 6886205 B1 20050503

DOCDB simple family (application)  
**FR 0103933 W 20011211**; AT 01271481 T 20011211; AU 1724802 A 20011211; DE 60130486 T 20011211; EP 01271481 A 20011211; ES 01271481 T 20011211; FR 0016785 A 20001221; US 45124303 A 20030620