

Title (en)
CONTAINER-CLEANING SYSTEM

Title (de)
BEHÄLTERREINIGUNGSSYSTEM

Title (fr)
SYSTÈME DE NETTOYAGE DE CONTENEURS

Publication
EP 2008728 A1 20081231 (EN)

Application
EP 07730459 A 20070413

Priority
• ES 2007000219 W 20070413
• ES 200600967 A 20060417

Abstract (en)
Container-cleaning system of the type used for the periodical washing and disinfection of containers used for collecting rubbish, industrial or agricultural waste, etc., characterized in that the interior and exterior cleaning of the containers is performed automatically by means of an anthropomorphic robot with a number of axes of rotation, provided, at the end of its arm, with brushes that are capable of reversible rotation through 360° and with a high-pressure circuit, the exterior cleaning being performed by means of a combined system of arcs of pressurised water, with cleaning rollers, at fixed installations or by means of the actual robot in the case of movable installations. The invention presented affords the principal advantage of carrying out rapid, intensive cleaning and disinfecting, leaving no residues of any sort and being completely automatic, as well as being applicable to both fixed and to movable installations.

IPC 8 full level
B08B 9/087 (2006.01)

CPC (source: EP ES)
B08B 9/0826 (2013.01 - EP ES); **B08B 9/087** (2013.01 - EP ES); **B08B 9/093** (2013.01 - EP); **B08B 9/36** (2013.01 - ES);
B65F 7/005 (2013.01 - EP ES)

Cited by
NL2020441B1; DE102009040138A1; CN104670742A; CN107107090A; US9610603B2; US9919333B2; EP2893984A1; WO2016112114A1;
WO2012031955A3; WO2019160403A1; WO2020021566A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 2008728 A1 20081231; ES 2263398 A1 20061201; ES 2263398 B1 20071201; WO 2007118915 A1 20071025

DOCDB simple family (application)
EP 07730459 A 20070413; ES 200600967 A 20060417; ES 2007000219 W 20070413