

Title (en)
SELF-PROPELLED FLOOR CLEANING MACHINE WITH FILTER SYSTEM MODULE

Title (de)
SELBSTFAHRENDE BODENREINIGUNGSMASCHINE MIT FILTERSYSTEMMODUL

Title (fr)
AUTO-LAVEUSE DES SOLS AUTOMOTRICE AVEC MODULE DE FILTRE

Publication
EP 2880221 A1 20150610 (DE)

Application
EP 12741006 A 20120801

Priority
EP 2012065059 W 20120801

Abstract (en)
[origin: WO2014019620A1] The invention relates to a self-propelled floor cleaning machine (10), comprising a chassis (12), a suction fan arrangement (36) and a filter arrangement which is connected upstream of the suction fan arrangement (36) in an air flow path; wherein a receiving arrangement (30) for at least one filter system module (60/160) is disposed on the chassis (12), wherein the at least one filter system module (60/160) is or can be fixed as a whole unit on the receiving arrangement (30), and wherein the at least one filter system module (60/160) comprises at least one pressure vessel (62), a filter cleaning arrangement (148), at least one filter (78/162a; 162b) and one or more connections (124, 130, 134).

IPC 8 full level
A47L 11/24 (2006.01); **A47L 11/30** (2006.01); **A47L 11/40** (2006.01); **E01H 1/08** (2006.01)

CPC (source: CN EP)
A47L 11/24 (2013.01 - CN EP); **A47L 11/30** (2013.01 - CN EP); **A47L 11/4027** (2013.01 - CN EP); **A47L 11/4033** (2013.01 - CN EP); **E01H 1/0845** (2013.01 - CN EP)

Citation (search report)
See references of WO 2014019620A1

Cited by
RU2755281C1; US10729299B2; US11649597B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2014019620 A1 20140206; CN 104508208 A 20150408; CN 104508208 B 20161116; EP 2880221 A1 20150610; EP 2880221 B1 20170118; EP 2880221 B9 20170531

DOCDB simple family (application)
EP 2012065059 W 20120801; CN 201280075027 A 20120801; EP 12741006 A 20120801