

Title (en)

CLEANING DEVICE MADE OF FOAM HAVING AN ABRASIVE SURFACE

Title (de)

REINIGUNGSGERÄT AUS SCHAUMSTOFF MIT ABRASIVER OBERFLÄCHE

Title (fr)

APPAREIL DE NETTOYAGE EN MOUSSE SYNTHÉTIQUE AVEC SURFACE ABRASIVE

Publication

EP 2822436 A1 20150114 (DE)

Application

EP 12812833 A 20121126

Priority

- DE 102012004331 A 20120307
- EP 2012004876 W 20121126

Abstract (en)

[origin: WO2013131541A1] A cleaning device (4, 4a, 4b, 4'b, 4c, 4'c, 4d, 4'd) for cleaning surfaces comprising a main body (5, 5a, 5b, 5c, 5d) made of foam, is characterised, in regard to the task of designing and improving a cleaning device of the type mentioned above such that it has an abrasive surface with which liquid, but at the same time hair and dirt particles, can be reliably collected, in that flock material (2, 2d) is assigned to the main body (5, 5a, 5b, 5c, 5d) and the flock material (2, 2d) is arranged on a surface (6, 6a, 6b, 6c, 6d) of the main body (5, 5a, 5b, 5c, 5d) which can face a floor surface to be cleaned.

IPC 8 full level

A47L 13/16 (2006.01); **A47L 13/52** (2006.01); **B32B 5/26** (2006.01); **E01H 1/00** (2006.01)

CPC (source: EP US)

A47L 13/12 (2013.01 - US); **A47L 13/16** (2013.01 - EP US); **A47L 13/52** (2013.01 - EP US)

Citation (search report)

See references of WO 2013131541A1

Citation (examination)

- US 3142855 A 19640804 - GILCHRIST JAMES R
- US 5351356 A 19941004 - TOWNSEND JR CHARLES E [US]

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)

DE 102012004331 A1 20130912; EP 2822436 A1 20150114; US 2015059111 A1 20150305; WO 2013131541 A1 20130912

DOCDB simple family (application)

DE 102012004331 A 20120307; EP 12812833 A 20121126; EP 2012004876 W 20121126; US 201214383124 A 20121126