

Title (en)
HARD-SURFACE CLEANING DEVICE

Title (de)
HARTFLÄCHENREINIGUNGSGERÄT

Title (fr)
APPAREIL DE NETTOYAGE DE SURFACES DURES

Publication
EP 3731712 A1 20201104 (DE)

Application
EP 17822719 A 20171229

Priority
EP 2017084830 W 20171229

Abstract (en)
[origin: WO2019129362A1] The aim of the invention is to further improve the handling of a hard-surface cleaning device, in particular in the form of a window cleaning device, having a cleaning surface and a liquid application device for applying liquid to a surface to be cleaned, which cleaning surface is designed to be applied to and to be moved over the surface to be cleaned and which liquid application device comprises at least one liquid outlet for dispensing cleaning liquid onto the surface to be cleaned. This aim is achieved, according to the invention, in that the at least one liquid outlet is arranged or formed in a region surrounded by the cleaning surface.

IPC 8 full level
A47L 1/08 (2006.01); **A47L 11/06** (2006.01); **A47L 11/284** (2006.01); **A47L 11/40** (2006.01)

CPC (source: EP)
A47L 1/08 (2013.01); **A47L 11/06** (2013.01); **A47L 11/284** (2013.01); **A47L 11/4083** (2013.01)

Citation (search report)
See references of WO 2019129362A1

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 2019129362 A1 20190704; CN 111655100 A 20200911; EP 3731712 A1 20201104; EP 3731712 B1 20211222; PL 3731712 T3 20220502

DOCDB simple family (application)
EP 2017084830 W 20171229; CN 201780098242 A 20171229; EP 17822719 A 20171229; PL 17822719 T 20171229