

Title (en)
Spray extraction valve

Title (de)
Sprühextraktionsdüse

Title (fr)
Buse d'extraction par vaporisation

Publication
EP 1880651 A3 20081015 (DE)

Application
EP 07012023 A 20070620

Priority
DE 102006033514 A 20060718

Abstract (en)
[origin: US2008016642A1] A spray extraction nozzle for taking in liquids which have been applied to a surface includes a suction duct which ends in a suction mouth, and a spray nozzle, as well as an adapter for working on surfaces which have different properties. The adapter is connected to the spray extraction nozzle through a pivot axis, and the adapter can be pivoted from a position of rest which is remote from the suction mouth to a position of operation in front of the suction mouth of the spray extraction nozzle.

IPC 8 full level
A47L 9/06 (2006.01); **A47L 11/34** (2006.01)

CPC (source: EP US)
A47L 9/06 (2013.01 - EP US); **A47L 9/0633** (2013.01 - EP US); **A47L 11/34** (2013.01 - EP US); **A47L 11/4022** (2013.01 - EP US); **A47L 11/4044** (2013.01 - EP US)

Citation (search report)

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- [A] US 4218900 A 19800826 - CAPLAN LEW [US], et al
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- [A] EP 0176696 A2 19860409 - KAERCHER GMBH & CO ALFRED [DE]

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WO2015039706A1; WO2015121718A1

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)
US 2008016642 A1 20080124; US 7870639 B2 20110118; AT E471686 T1 20100715; CN 101108114 A 20080123; CN 101108114 B 20101208; DE 102006033514 B3 20071227; DE 502007004173 D1 20100805; EP 1880651 A2 20080123; EP 1880651 A3 20081015; EP 1880651 B1 20100623; PL 1880651 T3 20110131; RU 2007127420 A 20090127; RU 2358638 C2 20090620

DOCDB simple family (application)
US 82371907 A 20070628; AT 07012023 T 20070620; CN 200710136634 A 20070718; DE 102006033514 A 20060718; DE 502007004173 T 20070620; EP 07012023 A 20070620; PL 07012023 T 20070620; RU 2007127420 A 20070717