

Title (en)
Surface cleaning implement

Title (de)
Flächenreinigungsgerät

Title (fr)
Ustensile pour nettoyer des surfaces

Publication
EP 1527728 B1 20100623 (DE)

Application
EP 04019548 A 20040818

Priority
DE 10351536 A 20031103

Abstract (en)
[origin: EP1527728A2] The surface cleaning tool has a mounting plate (12) for the head, to which a handle (14) is attached by a pivot (16). A sliding extension (50) is attached to the plate which allows its width to be increased.

IPC 8 full level
A47L 13/258 (2006.01)

CPC (source: EP NO US)
A47L 13/258 (2013.01 - EP NO US)

Cited by
WO2008043538A3; WO2013004326A3; WO2023148279A1

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

DOCDB simple family (publication)
EP 1527728 A2 20050504; EP 1527728 A3 20060830; EP 1527728 B1 20100623; AT E471689 T1 20100715; CN 1613421 A 20050511; CN 1613421 B 20111019; DE 10351536 A1 20050616; DE 10351536 B4 20091224; DE 502004011304 D1 20100805; DK 1527728 T3 20100913; FI 1527728 T3 20240226; NO 20044697 L 20050504; NO 337397 B1 20160404; US 2005091775 A1 20050505; US 7237295 B2 20070703

DOCDB simple family (application)
EP 04019548 A 20040818; AT 04019548 T 20040818; CN 200410080077 A 20040924; DE 10351536 A 20031103; DE 502004011304 T 20040818; DK 04019548 T 20040818; FI 04019548 T 20040818; NO 20044697 A 20041029; US 97458704 A 20041027