

Title (en)
Wiper

Title (de)
Wischer

Title (fr)
Essuie-glace

Publication
EP 2014213 A3 20090701 (DE)

Application
EP 05003137 A 20050215

Priority
DE 202004003967 U 20040311

Abstract (en)
[origin: DE202004003967U1] A window cleaning implement has a handle (1) and a lever (6) operated pump spray linked to a cleaning fluid tank (27). A wiping utensil is positioned under the tank (27). The handgrip (1) is esp. forms an integral part of the tank (27) housing wall (3).

IPC 8 full level
A47L 13/26 (2006.01); **A47L 1/08** (2006.01)

CPC (source: EP)
A47L 1/08 (2013.01)

Citation (search report)

- [X] DE 8425942 U1 19841129 - KOLLOCH HARDY [DE]
- [I] GB 191121336 A 19120926 - WURFSCHMIDT HUGO HARALD [AT]
- [XP] WO 2004096001 A1 20041111 - BROWNE & CO [CA], et al
- [XP] US 2004101347 A1 20040527 - BEARD MORRIS LUTHER [US]
- [A] US 5328283 A 19940712 - VIENS JACQUES [CA]

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 MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR LV MK YU

DOCDB simple family (publication)
DE 202004003967 U1 20040513; EP 2014213 A2 20090114; EP 2014213 A3 20090701

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DE 202004003967 U 20040311; EP 05003137 A 20050215