

Title (en)  
Window cleaning device

Title (de)  
Fensterputzvorrichtung

Title (fr)  
Dispositif de nettoyage des vitres

Publication  
**EP 1714597 A3 20061102 (DE)**

Application  
**EP 05104035 A 20050513**

Priority  
• EP 05103191 A 20050420  
• EP 05104035 A 20050513

Abstract (en)  
[origin: EP1714597A2] The device (200) has a traversing device guided on two opposite sides of a window by guides at a constant distance from the window pane (F) and movable along the guides in opposite directions, a supporting element (214) on the traversing element for a wiping element (216), a guide rod on the supporting element and a spring element holding the supporting element and guide rod apart.

IPC 8 full level  
**A47L 1/02** (2006.01)

CPC (source: EP)  
**A47L 1/02** (2013.01)

Citation (search report)  
• [A] DE 95218 C 18971112  
• [A] WO 0101840 A1 20010111 - MACKINTOSH KENNETH [GB]  
• [A] DE 19543595 A1 19960411 - AUGUSTIN WILLFRIED [DE]  
• [A] FR 363382 A 19060730 - HANS REIMERS [DE]  
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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)  
**EP 1714597 A2 20061025; EP 1714597 A3 20061102; EP 1714597 B1 20120125**

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