Title (en)

DEVICE FOR SUBJECTING AN OBJECT TO THE ACTION OF A LIQUID

Title (de)

VORRICHTUNG ZUM BEAUFSCHLAGEN EINES GEGENSTANDES MIT EINER FLÜSSIGKEIT

Title (fr)

DISPOSITIF POUR APPLIQUER UN LIQUIDE SUR UN OBJET

Publication

EP 1919629 A1 20080514 (DE)

Application

EP 06776202 A 20060713

Priority

- EP 2006006839 W 20060713
- DE 102005039009 A 20050818

Abstract (en)

[origin: WO2007019919A1] The invention relates to a device for subjecting an object to the action of a liquid, for example, a window pane of a motor vehicle with a cleaning liquid, with a retaining body (1), which can be connected to a liquid line arrangement, and with a nozzle body (12). The nozzle body (12) is provided with a cylindrical design and can be inserted into a location space (8) of the retaining body (1) whereby being rotationally mounted therein. Rotating the nozzle body (12) about the cylinder axis permits a liquid jet or liquid fan to be adjusted with regard to its outlet angle, this liquid jet or fan exiting via an outlet end (18), which is formed in the nozzle body (12), and via an outlet recess (7) formed inside the retaining body (1). A long serviceable life is achieved due to this cylindrical design.

IPC 8 full level

B05B 1/10 (2006.01); **B60S 1/52** (2006.01)

CPC (source: EP KR US)

B05B 1/10 (2013.01 - KR); **B05B 15/652** (2018.01 - EP US); **B60S 1/52** (2013.01 - EP US)

Citation (search report)

See references of WO 2007019919A1

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 NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2007019919 A1 20070222; BR PI0614988 A2 20110426; CN 101242905 A 20080813; DE 102005039009 A1 20070301; EP 1919629 A1 20080514; JP 2009504390 A 20090205; KR 20080033369 A 20080416; RU 2008109907 A 20090927; US 2010224707 A1 20100909

DOCDB simple family (application)

EP 2006006839 W 20060713; BR PI0614988 A 20060713; CN 200680030109 A 20060713; DE 102005039009 A 20050818; EP 06776202 A 20060713; JP 2008526388 A 20060713; KR 20087003107 A 20080205; RU 2008109907 A 20060713; US 6306206 A 20060713