

Title (en)  
Dishwasher with moving water nozzles

Title (de)  
Geschirrspüler mit beweglichen Wasserdüsen

Title (fr)  
Lave-vaisselle doté de buses d'eau mobiles

Publication  
**EP 2292134 A1 20110309 (EN)**

Application  
**EP 09169540 A 20090904**

Priority  
EP 09169540 A 20090904

Abstract (en)  
A dishwasher with at least a rotating spray arm having water nozzles presents one of such nozzles which is moving while the spray arm is rotating in order to improve the efficiency of washing, particularly in the corner area of the washing chamber.

IPC 8 full level  
**A47L 15/23** (2006.01)

CPC (source: EP)  
**A47L 15/23** (2013.01); **B05B 1/04** (2013.01); **B05B 3/066** (2013.01)

Citation (applicant)  
US 5964232 A 19991012 - CHUNG UI-SHIK [KR]

Citation (search report)

- [X] US 5964232 A 19991012 - CHUNG UI-SHIK [KR]
- [X] US 5673714 A 19971007 - CAMPAGNOLO FLAVIO [IT], et al
- [X] GB 2314009 A 19971217 - DAEWOO ELECTRONICS CO LTD [KR]

Cited by  
CN107581996A; US2014246060A1; US9532701B2; WO2018054803A1; US9414736B2; US10076225B2; US9375128B2; US9386903B2; US9402526B2; US9492055B2; US10398283B2; US9693672B2; US10058229B2; US10213085B2; US10602907B2; US9295368B2; US9532699B2; US9839340B2; US10052010B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**EP 2292134 A1 20110309; EP 2292134 B1 20150603**

DOCDB simple family (application)  
**EP 09169540 A 20090904**