

Title (en)
Liquid rinse aid compositions

Title (de)
Flüssige Klarspülmittel

Title (fr)
Compositions aqueuses de rinçage

Publication
EP 2963100 A1 20160106 (EN)

Application
EP 14175880 A 20140704

Priority
EP 14175880 A 20140704

Abstract (en)
Suggested is a liquid rinse aid composition, comprising a blend of two non-ionic surfactants having simultaneously good rinsing, drying, streak-free, anti-filming and anti-spotting performance on substrates and also showing compared to the state of the art a superior water run-off behaviour.

IPC 8 full level
C11D 1/825 (2006.01); **C11D 1/72** (2006.01); **C11D 1/722** (2006.01)

CPC (source: EP)
C11D 1/825 (2013.01); **C11D 1/8255** (2013.01); **C11D 1/72** (2013.01); **C11D 1/722** (2013.01)

Citation (applicant)

- US 5880089 A 19990309 - LENTSCH STEVEN E [US], et al
- US 2005143280 A1 20050630 - NELSON ANDREW P [GB], et al
- EP 2204439 A1 20100707 - COGNIS IP MAN GMBH [DE]
- EP 1607468 B1 20091118 - COGNIS IP MAN GMBH [DE]
- EP 1727884 B1 20081015 - HENKEL AG & CO KGAA [DE]
- WO 2004013269 A1 20040212 - HENKEL KGAA [DE], et al

Citation (search report)

- [XA] EP 1023431 A1 20000802 - PROCTER & GAMBLE [US]
- [XA] WO 9412600 A1 19940609 - PROCTER & GAMBLE [US], et al
- [A] WO 2014095793 A1 20140626 - AKZO NOBEL CHEMICALS INT BV [NL]
- [A] US 5273677 A 19931228 - ARIF SHOAIB [US]
- [A] WO 9214808 A1 19920903 - BASF AG [DE]

Cited by
JP2017214446A; WO2018114508A1; WO2023247309A1

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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