

Title (en)
DETERGENT COMPOSITIONS

Title (de)
WASCHMITTELZUSAMMENSETZUNGEN

Title (fr)
COMPOSITIONS DETERGENTES

Publication
EP 1527155 B2 20110413 (EN)

Application
EP 03792209 A 20030716

Priority

- EP 0307754 W 20030716
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Abstract (en)
[origin: WO2004018603A1] The invention relates to the use of polyvinyl pyrrolidone (PVP) in a laundry detergent composition to improve the oily soil detergency of the composition. The PVP is suitably used in amounts of from 0.5 to 3 wt%, preferably from 1 to 2 wt%. Preferably the detergent composition contains a sulphonate anionic detergent such as linear alkylbenzene sulphonate.

IPC 8 full level
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CPC (source: EP)
C11D 1/22 (2013.01); **C11D 3/3776** (2013.01)

Citation (opposition)

Opponent :

- EP 0887360 A1 19981230 - BASF AG [DE]
- US 3000830 A 19610919 - WILLIE FONG, et al
- WO 9940168 A1 19990812 - PRECISION FABRICS GROUP INC [US]
- EP 1167500 A1 20020102 - PROCTER & GAMBLE [US]
- GB 2137221 A 19841003 - COLGATE PALMOLIVE CO
- EP 0781838 A1 19970702 - COLGATE PALMOLIVE CO [US]
- EP 0087914 A1 19830907 - PROCTER & GAMBLE [US]
- WO 0159048 A1 20010816 - UNILEVER PLC [GB], et al
- US 4954292 A 19900904 - HULL MICHAEL [GB], et al
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DOCDB simple family (publication)

WO 2004018603 A1 20040304; AR 040832 A1 20050420; AT E328992 T1 20060615; AU 2003246709 A1 20040311; BR 0312731 A 20050419;
DE 60305927 D1 20060720; DE 60305927 T2 20070606; EP 1527155 A1 20050504; EP 1527155 B1 20060607; EP 1527155 B2 20110413;
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