

Title (en)

Tablets and particulate detergents comprising cross-linked polyvinylpyrrolidone and its use

Title (de)

Kompakte, teilchenförmige Wasch- und Reinigungsmittel enthaltend quervernetztes Polyvinylpyrrolidon und dessen Verwendung

Title (fr)

Tablettes et particules détergentes contenant de la polyvinylpyrrolidone réticulée et son utilisation

Publication

EP 1036839 A3 20010418 (DE)

Application

EP 00103131 A 20000216

Priority

DE 19912031 A 19990317

Abstract (en)

[origin: EP1036839A2] Use is claimed of crosslinked polyvinyl pyrrolidone (PVP) particles, of size 50-400 μ m, as additives for compacted particulate detergents to increase the disintegration rate when the detergent comes in contact with water. Independent claims are also included for: (i) compacted particulate detergent compositions containing 0.5-20 wt.% of the PVP additive particles of size 50-400 μ m with at least 10 wt.% below 200 μ m; and (ii) production of such compositions containing the PVP disintegrating agent by mixing the PVP particles with powdered detergent ingredients and compacting the mixture.

IPC 1-7

C11D 3/37; C11D 17/00; C11D 17/06

IPC 8 full level

C11D 3/37 (2006.01); **C11D 17/00** (2006.01); **C11D 17/06** (2006.01)

CPC (source: EP US)

C11D 3/3776 (2013.01 - EP US); **C11D 17/0073** (2013.01 - EP US); **C11D 17/06** (2013.01 - EP US)

Citation (search report)

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- [XA] EP 0466485 A2 19920115 - UNILEVER PLC [GB], et al
- [PX] WO 9936493 A1 19990722 - PROCTER & GAMBLE [US], et al
- [PX] US 6025315 A 20000215 - GORLIN PHILIP A [US], et al
- [A] EP 0170791 A1 19860212 - HENKEL KGAA [DE]
- [DA] WO 9840463 A1 19980917 - HENKEL KGAA [DE], et al

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Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1036839 A2 20000920; **EP 1036839 A3 20010418**; CN 1165605 C 20040908; CN 1267715 A 20000927; DE 19912031 A1 20000921; JP 2000273490 A 20001003; US 6329334 B1 20011211

DOCDB simple family (application)

EP 00103131 A 20000216; CN 00104327 A 20000317; DE 19912031 A 19990317; JP 2000077067 A 20000317; US 52506200 A 20000314