

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  $\mu$ 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  $\mu$ m with at least 10 wt.% below 200  $\mu$ 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
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- [PX] US 6025315 A 20000215 - GORLIN PHILIP A [US], et al
- [A] EP 0170791 A1 19860212 - HENKEL KGAA [DE]
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