

Title (en)  
GRANULAR BASE AND PARTICULATE DETERGENT

Title (de)  
BASISGRANULAT UND TEILCHENFÖRMIGES WASCHMITTEL

Title (fr)  
BASE GRANULAIRE ET DETERGENT PARTICULAIRE

Publication  
**EP 1104806 A4 20040728 (EN)**

Application  
**EP 00935650 A 20000613**

Priority  
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Abstract (en)  
[origin: EP1104806A1] The present invention relates to a preparation of a high-bulk density detergent. Concretely, it provides base particles for supporting a surfactant, obtainable by spray-drying a slurry comprising a water-soluble polymer (A), an inhibitor for forming a coating film (B) and a water-soluble salt (C) other than the inhibitor for forming a coating film, wherein the surfactant is contained in an amount of from 0 to 10% by weight of the base particles; a process for preparing the base particles; detergent particles having an average particle size of from 150 to 750  $\mu\text{m}$  and a bulk density of 500 g/L or more, wherein 1 to 100 parts by weight of a surfactant is supported in 100 parts by weight of the base particles; and a detergent composition comprising the detergent particles. Since the base particles for supporting a surfactant and the detergent particles of the present invention have excellent dissolubility and sufficient bulk density, and further have extremely high oil-absorbing ability, there are exhibited effects so that there can be obtained a detergent composition in which the dissolubility is excellent and the caking property and the bleed-out property are suppressed.

IPC 1-7  
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Citation (search report)  
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• [PX] WO 9929829 A1 19990617 - KAO CORP [JP], et al  
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• See references of WO 0077158A1

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**EP 1104806 A1 20010606**; **EP 1104806 A4 20040728**; CN 100425684 C 20081015; CN 1170921 C 20041013; CN 1320157 A 20011031; CN 1807568 A 20060726; JP 3912986 B2 20070509; WO 0077158 A1 20001221

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**EP 00935650 A 20000613**; CN 00801698 A 20000613; CN 200610006464 A 20000614; JP 0003813 W 20000613; JP 2000607257 A 20000613