

Title (en)

MULTI COMPONENT CONTROLLED RELEASE SYSTEM FOR SANITARY PAPER PRODUCTS

Title (de)

MEHRKOMPONENTENSYSYSTEM MIT GESTEUERTER FREISETZUNG FÜR HYGIENEPAPIERPRODUKTE

Title (fr)

SYSTEME A COMPOSANTS MULTIPLES A LIBERATION CONTROLEE POUR PRODUITS SANITAIRES EN PAPIER

Publication

**EP 1322343 A4 20060816 (EN)**

Application

**EP 01973538 A 20010926**

Priority

- US 0130084 W 20010926
- US 67686000 A 20000929

Abstract (en)

[origin: WO0226272A1] The present invention relates to a multi component controlled release system formed of solid hydrophobic nano-particles encapsulated within a moisture-sensitive micro-particle for the controlled release of cosmetic and pharmaceutical active agents in sanitary paper products. This system is useful to control the release of cosmetic and pharmaceutical active agents or countering malodorous compounds upon need and over an extended period of time, in the presence of body fluids. More particularly, the invention pertains to a controlled release system for sanitary paper products that consist of micro particles encapsulating nano particles prepared by a process comprising spray drying a composition of solid nano-particles.

IPC 1-7

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IPC 8 full level

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Citation (search report)

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- [X] DE 4131562 A1 19930325 - MEDAC KLINISCHE SPEZIALPRAEP [DE]
- [A] EP 0908174 A2 19990414 - INT FLAVORS & FRAGRANCES INC [US]
- [A] WO 9826808 A2 19980625 - PROCTER & GAMBLE [US], et al
- [X] PATENT ABSTRACTS OF JAPAN vol. 016, no. 394 (C - 0976) 21 August 1992 (1992-08-21)
- See references of WO 0226272A1

Designated contracting state (EPC)

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