

Title (en)  
Water-soluble carrier for an active agent

Title (de)  
Wasserlöslicher Wirkstoffträger

Title (fr)  
Support de matière soluble dans l'eau pour un agent actif

Publication  
**EP 2357221 A1 20110817 (DE)**

Application  
**EP 11001242 A 20110216**

Priority  
DE 102010008290 A 20100217

Abstract (en)

The water-soluble active agent carrier (1) for the enrichment of washing- or rinsing in a machine drum (5) of automatic washing machines (2), comprises fragrances, where the active agent carrier is contained for the purpose of the fragrance and is exposed to flushing water during a wash or rinse cycle or during the final rinsing phase. The active agent carrier is formed from a gelling agent to obtain a gelatinous gelling mass, which in a quantity is completely dispersed or dissolved in the flushed water. The quantity is completely soluble even in cold water during the flushing process. The water-soluble active agent carrier (1) for the enrichment of washing- or rinsing in a machine drum (5) of automatic washing machines (2), comprises fragrances, where the active agent carrier is contained for the purpose of the fragrance and is exposed to flushing water during a wash or rinse cycle or during the final rinsing phase. The active agent carrier is formed from a gelling agent to obtain a gelatinous gelling mass, which in a quantity is completely dispersed or dissolved in the flushed water. The quantity is completely soluble even in cold water during the flushing process. The gelling mass is flushable into the machine drum with the amount of water and is soluble during the flushing process. The gelling mass is completely dissolved when provided into the machine drum during the beginning of the flushing phase. The gelling mass is portioned to the drug carrier with a volume of 1-7 cm<sup>3</sup> and a fragrance content of 2.5 g. The shaped gelling mass is portioned to the carrier, which is surrounded on all sides by a water-soluble coating layer, which is a water-soluble blister package. The gelling mass is shaped by a mold, which is partially formed from the coating layer. The gelling agent is produced from vegetable or animal proteins. The gelling mass contains textile treatment agents, where each textile treatment agent contains plant extracts such as bamboo and/or Calendula extracts. The gelling mass contains stabilizers and softener, is dyed and is shaped into three-dimensional fresh symbols such as flowers and citrus fruits.

Abstract (de)

Die Erfindung betrifft einen wasserlöslichen Wirkstoffträger zur Herstellung von mit Duftstoffen anzureichernden Wasch- oder Spüllaugen in der Maschinentrommel von automatischen Waschmaschinen, wobei der Wirkstoffträger zu diesem Zweck Duftstoffe enthält und während eines Wasch- oder Spülganges oder während der abschließenden Spülphase einer zu Wasch- oder Spülzwecken eingespülten Wassermenge ausgesetzt ist. Erfindungsgemäß wird der Wirkstoffträger von einer derartigen Menge aus einem Geliermittel gewonnenen gallertartigen Gelierungsmasse gebildet, dass diese Menge in der eingespülten Wassermenge dispergiert oder sich dort vollständig auflöst. Je nach Art und Konzentration des Gelierungsmittels kann erfindungsgemäß der Charakter, insbesondere die Konsistenz, der gewonnenen gallertartigen Gelierungsmasse beeinflusst werden.

IPC 8 full level  
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CPC (source: EP)  
**C11D 3/222** (2013.01); **C11D 3/384** (2013.01); **C11D 3/50** (2013.01); **C11D 17/003** (2013.01)

Citation (applicant)  
DE 3911363 B4 20050203 - FREYTAG VON LORINGHOVEN ANDREA [FR]

Citation (search report)  
• [X] US 2006283970 A1 20061221 - FAIRES GEOFFREY [US], et al  
• [X] WO 0187361 A2 20011122 - DIAL CORP [US]  
• [X] DE 10051816 A1 20020502 - HENKEL KGAA [DE]  
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• [A] WO 0138475 A1 20010531 - UNILEVER PLC [GB], et al

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