

Title (en)  
MICROCAPSULES

Title (de)  
MIKROKAPSELN

Title (fr)  
MICROCAPSULES

Publication  
**EP 2089150 A1 20090819 (DE)**

Application  
**EP 07821417 A 20071017**

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Abstract (en)  
[origin: WO2008046839A1] The invention relates to microcapsules comprising a capsule core, a capsule wall and polyelectrolytes that are arranged on the outer surface of the capsule wall, said polyelectrolytes having an average molecular weight of 500 g/mol to 10 million g/mol. Said capsule wall is made of between 10 and 100% by wt. of one or more C<SUB>1</SUB>-C<SUB>24</SUB>-alkyl esters of acrylic acid and/or methacrylic acid (monomers I), between 0 and 80 % by wt. of a bifunctional or polyfunctional monomer (monomers II) which is not soluble or poorly soluble in water and between 0 to 90% by wt of other monomers (monomers III), each percentage being in relation to the total weight of the monomers. Said microcapsules have an average particle size of between 1.5 - 2.5 µm and 90 % of the particles have a particle size of ≥4 µm. The invention also relates to a method for producing said microcapsules, to its use in textiles, binding agents and heat transfer liquids and microcapsules as an intermediate product.

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See references of WO 2008046839A1

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WO 0212413 A2 20020214 - HRL LAB LLC [US], et al

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