

Title (en)  
METHOD FOR PREPARING BIODEGRADABLE MICROCAPSULES AND USE OF THE RESULTING MICROCAPSULES

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON BIOLOGISCH ABBAUBAREN MIKROKAPSELN UND VERWENDUNG DER HERGESTELLTEN MIKROKAPSELN

Title (fr)  
PROCEDE DE PREPARATION DE MICROCAPSULES BIODEGRADABLES ET UTILISATION DES MICROCAPSULES AINSI OBTENUES

Publication  
**EP 4247538 A1 20230927 (FR)**

Application  
**EP 21816153 A 20211117**

Priority  
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Abstract (en)  
[origin: WO2022107016A1] Use of biodegradable microcapsules comprising a wall made of poly(beta-amino)ester, abbreviated to PBAE, which contains an active substance. These microcapsules may be obtained by a method of interfacial polymerization between an amine monomer and a multi-acrylate monomer. Depending on the intended use, microcapsules with a wall that is weak, breakable or unbreakable and porous or non-porous are used; these properties may be obtained by the choice of the monomers and the thickness of the wall. For certain uses, it is possible to use the polymerization reaction mixture directly, without washing.

IPC 8 full level  
**B01J 13/16** (2006.01); **A01N 25/28** (2006.01); **A23P 10/30** (2016.01); **A61K 8/11** (2006.01); **A61K 9/50** (2006.01); **A61Q 19/10** (2006.01); **A62D 1/00** (2006.01); **B01J 13/22** (2006.01); **C09B 67/02** (2006.01); **C11D 3/50** (2006.01); **C11D 17/00** (2006.01); **D06M 23/12** (2006.01); **F28D 20/02** (2006.01)

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C-Set (source: EP)  
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