

Title (en)  
BIODEGRADABLE COMPOSITE MATERIAL FOR THE PRODUCTION OF MICROCAPSULES

Title (de)  
BIOABBAUBARE KOMPOSITE ZUR HERSTELLUNG VON MIKROKAPSELN

Title (fr)  
MATERIAUX COMPOSITES BIODEGRADABLES POUR LA FABRICATION DE MICROCAPSULES

Publication  
**EP 1154760 A1 20011121 (DE)**

Application  
**EP 00925026 A 20000220**

Priority  
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• DE 19907227 A 19990219

Abstract (en)  
[origin: DE10008880A1] Biodegradable polymer conjugates (I) for microencapsulating solid or dissolved substances in organic solvents or aqueous emulsions, and comprising an enzymatic cleavage site, are new. Biodegradable polymer conjugates (I) for microencapsulating solid or dissolved substances in organic solvents or aqueous emulsions, and comprising an enzymatic cleavage site, are new.  $R_{<1>}n-P-(Q-P_{<2>})_i-R_{<2>}m$  (I)  $P_{<1>}$ ,  $P_{<2>}$  = macromolecular structures;  $R_{<1>}$ ,  $R_{<2>}$  = terminal groups, protecting groups, receptor molecules or labels; i, m, n = independently 0 or 1; and Q = an at least bifunctional structure with hydrophilic properties. An enzymatic cleavage site is present between the R and P substructures and/or within Q.

IPC 1-7  
**A61K 9/16**; **A61K 9/50**; **C08G 81/00**; **C08G 63/664**

IPC 8 full level  
**A23L 1/00** (2006.01); **A23P 1/04** (2006.01); **A61K 9/16** (2006.01); **A61K 9/50** (2006.01); **B01J 13/04** (2006.01); **C08B 37/00** (2006.01); **C08G 63/664** (2006.01); **C08G 63/91** (2006.01); **C08G 69/26** (2006.01); **C08G 69/48** (2006.01); **C08L 101/16** (2006.01)

CPC (source: EP US)  
**A61K 9/1641** (2013.01 - EP US); **A61K 9/1647** (2013.01 - EP US); **C08B 37/0084** (2013.01 - EP US); **C08G 63/664** (2013.01 - EP US); **C08G 69/26** (2013.01 - EP US); **A61K 9/1652** (2013.01 - EP US); **A61K 9/1658** (2013.01 - EP US)

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