Title (en)

COMPOSITION THAT CAN BE CURED BY POLYMERISATION FOR THE PRODUCTION OF BIODEGRADABLE, BIOCOMPATIBLE, CROSS-LINKABLE POLYMERS ON THE BASIS OF POLYVINYL ALCOHOL

Title (de)

DURCH POLYMERISATION HÄRTBARE ZUSAMMENSETZUNG ZUR HERSTELLUNG BIOLOGISCH ABBAUBARER, BIOVERTRÄGLICHER, VERNETZTER POLYMERE AUF BASIS VON POLYVINYLALKOHOL

Title (fr)

COMPOSITION DURCISSABLE PAR POLYMÉRISATION POUR LA FABRICATION DE POLYMÈRES RÉTICULÉS BIOCOMPATIBLES ET BIODÉGRADABLES À BASE D'ALCOOL POLYVINYLIQUE

Publication

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Application

EP 08852256 A 20081121

Priority

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- AT 19032007 A 20071123
- AT 4612008 A 20080325

Abstract (en)

[origin: WO2009065162A2] The invention relates to a polymerisable composition for the production of biodegradable, biocompatible, cross-linked polymers on the basis of polyvinyl alcohol, comprising: 5-100 % by weight vinyl ester monomer(s) of general formula (I), (II) or (III), in which X represents oxygen, sulphur, nitrogen or phosphor, n = 1-1000, at least 20% of n =2, R1 is selected from hydrogen, unbranched, branched or cyclic, saturated or unsaturated, n-valent hydrocarbon groups comprising 1-30 carbon atoms, which optionally have heteroatoms and are optionally substituted by substituents selected from -OH, -COOH, -CN, -CHO and =O and from n-valent groups of biodegradable, biocompatible oligomers and polymers, m = 1-5, R2 is selected from hydrogen, -OH, =O and the options for R1 and R3 is selected from hydrogen, -OH and the options for R1; 0-50 % by weight of ethylenically unsaturated comonomers; 0-10 % by weight of polymerisation initiator(s); and 0-95 % by weight of solvents.

IPC 8 full level

A61L 27/56 (2006.01); **C08F 18/14** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2009065162A2

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DOCDB simple family (publication)

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