

Title (en)

MODIFICATION OF SURFACES OF POLYMERIC ARTICLES BY MICHAEL ADDITION REACTION

Title (de)

ÄNDERUNG DER OBERFLÄCHEN VON POLYMER-ARTIKELN DURCH MICHAEL-ADDITIONS-REAKTION

Title (fr)

MODIFICATION DES SURFACES D'ARTICLES POLYMÈRES PAR RÉACTION D'ADDITION DE MICHAEL

Publication

**EP 2035050 A2 20090318 (EN)**

Application

**EP 07812327 A 20070626**

Priority

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- US 48024306 A 20060630
- US 47922706 A 20060630

Abstract (en)

[origin: WO2008005752A2] A medical device having an increased surface hydrophilicity comprises a coating polymer comprising units of a polymerizable hydrophilic compound that is attached to the surface of the medical device via the Michael addition reaction. The coating polymer can be applied to a medical device comprising a hydrogel material. The attachment of the coating polymer may be enhanced by increasing the population of the medical-device surface functional groups before contacting the medical device with the coating polymer.

IPC 8 full level

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**A61L 27/34** + **C08L 39/06**

Citation (search report)

See references of WO 2008005752A2

Cited by

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Designated extension state (EPC)

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DOCDB simple family (publication)

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