

Title (en)
HYDROGEL IMPLANT FOR SENSING METABOLITES IN BODY TISSUE

Title (de)
HYDROGEL-IMPLANTAT FÜR SENSORIK VON METABOLITEN IN KÖRPERGEWEBE

Title (fr)
IMPLANT D'HYDROGEL POUR LA DÉTECTION PAR CAPTEURS DE MÉTABOLITES DANS DES TISSUS CORPORELS

Publication
EP 2164384 A2 20100324 (DE)

Application
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• US 92466907 P 20070525

Abstract (en)
[origin: CA2688011A1] An implant (110) is disclosed for detecting at least one analyte (126) in a body fluid, particularly eye water. Said implant (110) is designed to be implanted into a tissue layer and/or an eye chamber of a patient and comprises a hydrogel matrix (110) containing at least one hydrogel (114). The implant further comprises sensor particles (116) which are dispersed in the hydrogel matrix (110). The sensor particles (116) have at least one sensor matrix (120) with a sensor matrix material (122) as well as at least one sensor material (124).

IPC 8 full level
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CPC (source: EP KR US)
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DOCDB simple family (publication)
DE 102007024642 A1 20081127; AU 2008252936 A1 20081127; AU 2008252936 B2 20131107; CA 2688011 A1 20081127; CA 2688011 C 20160830; CN 101707931 A 20100512; CN 101707931 B 20121205; EP 2164384 A2 20100324; EP 2842481 A1 20150304; EP 2842481 B1 20170712; ES 2643055 T3 20171121; HK 1143727 A1 20110114; KR 101510488 B1 20150408; KR 20100033382 A 20100329; MX 2009012540 A 20100212; TW 200911305 A 20090316; TW I459977 B 20141111; US 2010331634 A1 20101230; US 8647271 B2 20140211; WO 2008142158 A2 20081127; WO 2008142158 A3 20090528

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