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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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 compris es a hydrogel matrix (110) containing at least one hydrogel (114). The impla nt further comprises sensor particles (116) which are dispersed in the hydro gel 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 ma terial (124).

IPC 8 full level
A61B 5/00 (2006.01); **A61K 9/50** (2006.01); **G01N 21/64** (2006.01)

CPC (source: EP KR US)
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DE 102007024642 A1 20081127; AU 2008252936 A1 20081127; AU 2008252936 B2 20131107; CA 2688011 A1 20081127;
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EP 2842481 B1 20170712; ES 2643055 T3 20171121; HK 1143727 A1 20110114; KR 101510488 B1 20150408; KR 20100033382 A 20100329;
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