

Title (en)

OZONISED OIL, PROCESS FOR THE PREPARATION AND USE THEREOF IN MEDICAL FIELD

Title (de)

OZONISIERTES ÖL, VERFAHREN ZU DESSEN HERSTELLUNG UND VERWENDUNG IN DER MEDIZIN

Title (fr)

HUILE OZONISEE, PROCEDE D'ELABORATION ET UTILISATION DANS LE DOMAINE MEDICAL

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2007046122A2] The invention relates to a process for the preparation of ozonised oil including the following steps: a) evolvement of ozone anion radical by heterogenous catalysis carried out by means of ozone gas licking a suitable electron donor catalyst characterised in that the redox potential thereof is lower than that of ozone; b) contacting the ozone anion radical with an oil comprising unsaturated fatty acids for the formation of ozonides avoiding the contact between the oil and catalyst; c) verification of the reaction end when temperature constant values are obtained; d) stabilisation of the ozonised oil produced at the end of step c) by means of reaction with an suitable ox-red system resulting in the peroxide formation. Further the invention relates to ozonised oil obtainable using the process and uses thereof in medical, veterinary and cosmetic fields.

IPC 8 full level

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