

Title (en)

THREE-PART NANO-CATALYST AND USE THEREOF FOR PHOTOCATALYSIS

Title (de)

DREITEILIGER NANOKATALYSATOR UND VERWENDUNG DAVON ZUR FOTOKATALYSE

Title (fr)

NANO-CATALYSEUR TRIPTYQUE ET SON UTILISATION POUR LA PHOTO-CATALYSE

Publication

**EP 3525929 A1 20190821 (FR)**

Application

**EP 17794011 A 20171016**

Priority

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Abstract (en)

[origin: WO2018073525A1] The present invention relates to a nanocatalyst-type nanoscale composition comprising a nanoparticle semiconductor, plasmonic metal nanoparticles and an organic photosensitiser of the carbo-mer type. The present invention also relates to a method for producing the nano-catalyst of the invention. The invention further relates to the use of the nanocatalyst of the invention for photoelectrolysis , in particular, for the photoelectrolysis of water, as well as to a power source comprising said nanocatalyst.

IPC 8 full level

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Citation (search report)

See references of WO 2018073525A1

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