

Title (en)

ELECTROCHEMICAL METHOD FOR PRODUCING ARYLALKYL CARBONATES OR DIARYL CARBONATES

Title (de)

ELEKTROCHEMISCHES VERFAHREN ZUR HERSTELLUNG VON ARYLALKYLCARBONATEN ODER DIARYLCARBONATEN

Title (fr)

PROCÉDÉ ÉLECTROCHIMIQUE DE PRODUCTION DE CARBONATES D'ARYLALKYLE OU DE CARBONATES DE DIARYLE

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Application

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Priority

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Abstract (en)

[origin: WO2019007828A1] The present invention relates to a method for electrochemically producing arylalkyl carbonates or diaryl carbonates, which is characterized in that compounds of formula (1) R1-OH, wherein the radical R1 is an alkyl radical, preferably a radical from the range: C1 to C6alkyl, preferably methyl or ethyl, isopropyl or tert-butyl or cycloalkyl, preferably cyclohexyl, with a compound of formula (2) R2-OH, wherein the radical R2 is an aryl radical, preferably tert-butylphenyl, cumylphenyl, naphthyl or phenyl, particularly preferably is a phenyl radical, are subjected to anodic reaction with CO at an electrode with gold as heterogeneous electrocatalyst, and also the use thereof for producing polycarbonates.

IPC 8 full level

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