

Title (en)
PROCESS FOR THE ELECTROSYNTHESIS OF KETONES

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Application
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Abstract (en)
[origin: US4629541A] The invention relates to a process for the synthesis of ketones by electrochemical reduction of organic halides in the presence of organic acid anhydrides in an electrolysis cell in an organic solvent medium containing a supporting electrolyte. The anode is a metal chosen from the group consisting of magnesium, aluminium, zinc and their alloys. This process has the advantage of being simple and readily capable of being converted to an industrial scale, particularly because of the possibility of employing a cell which has only one compartment. It can be applied to the electrosynthesis of numerous ketones.

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