

Title (en)

Process for dehalogenating halogenated aliphatic and aromatic compounds.

Title (de)

Verfahren zur Enthlogenierung von halogenierten aliphatischen und aromatischen Verbindungen.

Title (fr)

Procédé pour déshalogéner les composés halogénés aliphatiques et aromatiques.

Publication

EP 0225849 A1 19870616 (DE)

Application

EP 86810553 A 19861201

Priority

CH 522585 A 19851206

Abstract (en)

1. A process for dehalogenating halogenated aliphatic or aromatic compounds by treatment with metallic sodium in an inert solvent and in the presence of a proton donor, which process comprises reacting the halogenated compounds with 2 to 4 equivalents of sodium per equivalent of bound halogen in the inert solvent in the presence of 0.5 to 2 moles of a branched or unbranched C1 -C5 alcohol or water per equivalent of bound halogen at a temperature from 100 to 150 degrees C.

Abstract (de)

Verfahren zur Enthlogenierung von halogenierten, insbesondere polyhalogenierten aliphatischen oder aromatischen Verbindungen durch Behandeln mit metallischem Natrium in einem inerten Lösungsmittel. Das Verfahren ist dadurch gekennzeichnet, dass man die Umsetzung in Gegenwart eines Protonendonors durchführt. Das Verfahren eignet sich insbesondere zur Entchlorierung polychlorierter aromatischer Verbindungen.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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