

Title (en)

Process for dehalogenating halogenated aliphatic and aromatic compounds.

Title (de)

Verfahren zur Enthalogenie 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 Enthalogenie 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

**A62D 3/00**; C07B 61/00

IPC 8 full level

**C07B 35/06** (2006.01); **A62D 3/34** (2007.01); **C07B 31/00** (2006.01); **C07C 1/00** (2006.01); **C07C 1/26** (2006.01); **C07C 67/00** (2006.01); **A62D 101/22** (2007.01); **A62D 101/28** (2007.01)

CPC (source: EP)

**A62D 3/34** (2013.01); **A62D 2101/22** (2013.01); **A62D 2101/28** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

**EP 0225849 A1 19870616**; **EP 0225849 B1 19900418**; CH 668709 A5 19890131; DE 3670449 D1 19900523; JP S62152479 A 19870707

DOCDB simple family (application)

**EP 86810553 A 19861201**; CH 522585 A 19851206; DE 3670449 T 19861201; JP 28910186 A 19861205