

Title (en)

Process for the dehalogenation of organic compounds by alkali metals on solid supports.

Title (de)

Verfahren zur Enthalogenieerung organischer Verbindungen mittels Alkalimetall auf festen Trägern.

Title (fr)

Procédé de déshalogénation de composés organiques par des métaux alcalins sur des supports solides.

Publication

EP 0467053 B1 19950405 (DE)

Application

EP 91108627 A 19910528

Priority

DE 4022526 A 19900716

Abstract (en)

[origin: EP0467053A1] A process for the dehalogenation of media containing organohalogen compounds by means of an alkali metal supported by inert solid particles envisages passing the material to be treated through a column-like bed of the treatment agent at a temperature from room temperature to 160 DEG C for 1 - 120 minutes. The treatment agent contains 10 - 30% by weight of alkali metal, based on the weight of the carrier. The amount of the bed must be such that its alkali metal content is sufficient for binding the halogen eliminated. The invention also relates to a process for recovering the carrier from the spent treatment agent.

IPC 1-7

A62D 3/00

IPC 8 full level

A62D 3/32 (2007.01); **A62D 3/36** (2007.01); **A62D 101/22** (2007.01)

CPC (source: EP)

A62D 3/32 (2013.01); **A62D 3/36** (2013.01); **A62D 2101/22** (2013.01)

Cited by

EP0595079A1; US5936137A; GB2299080A; US5695634A; US6382537B1; WO9630084A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL

DOCDB simple family (publication)

EP 0467053 A1 19920122; **EP 0467053 B1 19950405**; AT E120650 T1 19950415; DE 4022526 A1 19920123; DE 4022526 C2 19940324; DE 59105087 D1 19950511; ES 2070367 T3 19950601

DOCDB simple family (application)

EP 91108627 A 19910528; AT 91108627 T 19910528; DE 4022526 A 19900716; DE 59105087 T 19910528; ES 91108627 T 19910528