

Title (en)
Flux composition, which removes iron from flux baths

Title (de)
Enteisende Fluxsalz-Zusammensetzung für Fluxbäder

Title (fr)
Flux pour réduire la teneur en fer d'un bain de fluxage

Publication
EP 1277849 B1 20051228 (DE)

Application
EP 02008060 A 20020411

Priority
DE 10134812 A 20010717

Abstract (en)
[origin: EP1277849A1] Flux salt composition contains zinc chloride, alkali metal chloride, one or more alkalizing components and one or more components which oxidize iron (II) to iron (III). An Independent claim is also included for a process for operating a flux bath. Preferred Features: The composition contains 25-70, especially 50-70 wt.% zinc chloride, and 20-90, especially 30-50 wt.% alkali metal chloride. The alkali metal chloride is ammonium chloride. The alkalizing component is zinc oxide, lithium, sodium and/or potassium hydroxide, or zinc carbonate. The oxidizing component is potassium permanganate, zinc peroxide and/or zinc chlorate.

IPC 1-7
C23C 2/30

IPC 8 full level
C23C 2/06 (2006.01); **C23C 2/30** (2006.01)

CPC (source: EP US)
C23C 2/30 (2013.01 - EP US)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1277849 A1 20030122; EP 1277849 B1 20051228; AT E314502 T1 20060115; DE 10134812 A1 20030206; DE 10134812 C2 20030626; DE 50205407 D1 20060202; DK 1277849 T3 20060410; ES 2252346 T3 20060516; JP 2003055752 A 20030226; NO 20021678 D0 20020410; NO 20021678 L 20030120; PL 200196 B1 20081231; PL 353298 A1 20030127; US 2003084755 A1 20030508; US 6802912 B2 20041012

DOCDB simple family (application)
EP 02008060 A 20020411; AT 02008060 T 20020411; DE 10134812 A 20010717; DE 50205407 T 20020411; DK 02008060 T 20020411; ES 02008060 T 20020411; JP 2002207758 A 20020717; NO 20021678 A 20020410; PL 35329802 A 20020410; US 19665402 A 20020715