

Title (en)

MELTING FLUX FOR SLAGGING AND DEOXIDATING MOLTEN METAL

Title (de)

SCHMELZSTROM FÜR SCHWELLUNGEN UND ENTOXIDATION VON GESCHMOLZENEM METALL

Title (fr)

FLUX DE FUSION POUR SCORIFICATION ET DÉOXYDATION DU MÉTAL FONDU

Publication

EP 3425071 A1 20190109 (EN)

Application

EP 18181322 A 20180703

Priority

IT 201700074924 A 20170704

Abstract (en)

A melting flux for removing molten metal slag in melting furnaces is described, comprising aluminium hydroxide and an alkali salt mixture. The aluminium hydroxide has a final concentration from 1% to 50% by weight. The alkali salt mixture has a final concentration from 50% to 99% by weight.

IPC 8 full level

C21C 1/02 (2006.01); **C21C 7/076** (2006.01); **C22B 9/10** (2006.01); **C22B 21/06** (2006.01)

CPC (source: EP)

C21C 7/0087 (2013.01); **C22B 9/10** (2013.01); **C22B 21/062** (2013.01); **C22B 21/064** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

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