

Title (en)

METHOD FOR PRODUCING NITRATED AROMATIC COMPOUNDS AND MIXTURES THEREOF

Title (de)

VERFAHREN ZUR HERSTELLUNG VON NITRIERTEN AROMATEN UND DEREN MISCHUNGEN

Title (fr)

PROCÉDÉ DE PRÉPARATION D'AROMATES NITRÉS ET DE LEURS MÉLANGES

Publication

EP 2401250 A1 20120104 (DE)

Application

EP 10706214 A 20100226

Priority

- EP 2010052450 W 20100226
- EP 09153699 A 20090226
- EP 10706214 A 20100226

Abstract (en)

[origin: WO2010097453A1] The invention relates to a method for producing mononitro aromatic compounds and dinitro aromatic compounds wherein a hydrate melt at least of a metal nitrate $M(NO_3)_3$ is used as a nitriding medium, wherein M can be the metals Fe, Cr, Y, La, Ce, Al, Bi and In, and wherein the metal nitrate has a water content of between 4 to 9 mol water per $M(NO_3)_3$, leading to process simplifications and improved yield.

IPC 8 full level

C07C 201/08 (2006.01); **C07C 205/06** (2006.01)

CPC (source: EP KR US)

C07C 201/08 (2013.01 - EP KR US); **C07C 205/06** (2013.01 - KR)

Citation (search report)

See references of WO 2010097453A1

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

WO 2010097453 A1 20100902; CN 102333756 A 20120125; CN 102333756 B 20151125; EP 2401250 A1 20120104; JP 2012518674 A 20120816; KR 20110122180 A 20111109; US 2011306795 A1 20111215; US 2015166461 A1 20150618; US 9079822 B2 20150714

DOCDB simple family (application)

EP 2010052450 W 20100226; CN 201080009501 A 20100226; EP 10706214 A 20100226; JP 2011551491 A 20100226; KR 20117020820 A 20100226; US 201013203360 A 20100226; US 201514628362 A 20150223