

Title (en)

IMPROVED PROCESS FOR REFINING NITRILES

Title (de)

VERBESSERTES VERFAHREN ZUM RAFFINIEREN VON NITRILEN

Title (fr)

PROCÉDÉ AMÉLIORÉ POUR LE RAFFINAGE DE NITRILES

Publication

EP 3013793 A1 20160504 (EN)

Application

EP 14742059 A 20140625

Priority

- US 201361839435 P 20130626
- US 2014044145 W 20140625

Abstract (en)

[origin: WO2014210191A1] The present invention provides an improved process for preferentially concentrating 2-methylglutaronitrile from mixtures comprising 2-methyl-glutaronitrile and other C6 nitriles having very close relative volatilities, for example, 2-ethylsuccinonitrile and adiponitrile, in a particular integrated, continuous distillative refining process, advantageously utilizing a carefully staged distillation apparatus train and by operating in an optimized window for effective separation.

IPC 8 full level

C07C 253/34 (2006.01); **C07C 255/04** (2006.01)

CPC (source: EP)

C07C 253/34 (2013.01)

Citation (search report)

See references of WO 2014210191A1

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)

BA ME

DOCDB simple family (publication)

WO 2014210191 A1 20141231; EP 3013793 A1 20160504; TW 201504204 A 20150201

DOCDB simple family (application)

US 2014044145 W 20140625; EP 14742059 A 20140625; TW 103121964 A 20140625