

Title (en)

METHOD FOR PRODUCING ISOCYANATES IN THE GAS PHASE

Title (de)

VERFAHREN ZUR HERSTELLUNG VON ISOCYANATEN IN DER GASPHASE

Title (fr)

PROCÉDÉ DE PRÉPARATION D'ISOCYANATES EN PHASE GAZEUSE

Publication

EP 3194363 A1 20170726 (DE)

Application

EP 15763939 A 20150918

Priority

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- EP 15171773 A 20150612
- EP 2015071436 W 20150918

Abstract (en)

[origin: WO2016042124A1] The invention relates to a method for producing isocyanates by reacting the corresponding primary amines with phosgene in the gas phase, wherein the phosgene is injected into the gaseous amine flow in the interior of a flow tube via an outer ring channel and through several radial channels in an angle of $\leq 90^\circ$ relative to the flow direction of the gaseous amine flow, wherein a static mixer of the Kenics type is provided coaxially in the interior of the flow tube.

IPC 8 full level

C07C 263/10 (2006.01)

CPC (source: EP KR US)

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Citation (search report)

See references of WO 2016042124A1

Cited by

US10689477B2; US10689481B2; US10865269B2; US10793666B2

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