

Title (en)
PROCESS FOR PREPARING POLYISOCYANATES FROM BIOMASS

Title (de)
VERFAHREN ZUR HERSTELLUNG VON POLYISOCYANATEN AUS BIOMASSE

Title (fr)
PROCÉDÉ DE PRODUCTION DE POLYISOCYANATES À PARTIR DE BIOMASSE

Publication
EP 2714650 A1 20140409 (DE)

Application
EP 12723181 A 20120523

Priority

- EP 11167281 A 20110524
- EP 2012059525 W 20120523
- EP 12723181 A 20120523

Abstract (en)
[origin: WO2012160072A1] The present invention relates to a process for preparing polyisocyanates from natural raw material sources by starting from a biomass material and preparing a composition which comprises low molecular mass aromatics that contain per molecule at least one hydroxyl group or at least one alkoxy group (oxyaromatics), reacting these oxyaromatics to form the corresponding aromatic amines, and, optionally after condensation with formaldehyde, carrying out further reaction with phosgene to form compounds containing isocyanate groups.

IPC 8 full level
C07C 263/10 (2006.01); **C07C 265/14** (2006.01)

CPC (source: EP KR)
C07C 263/10 (2013.01 - EP KR); **C07C 265/14** (2013.01 - KR)

Citation (search report)
See references of WO 2012160072A1

Citation (third parties)
Third party :
WO 2009135843 A1 20091112 - HUNTSMAN INT LLC [US], et al

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

DOCDB simple family (publication)
WO 2012160072 A1 20121129; BR 112013029665 A2 20190924; CN 103649044 A 20140319; EP 2714650 A1 20140409; JP 2014520086 A 20140821; KR 20140037139 A 20140326

DOCDB simple family (application)
EP 2012059525 W 20120523; BR 112013029665 A 20120523; CN 201280034368 A 20120523; EP 12723181 A 20120523; JP 2014511850 A 20120523; KR 20137034230 A 20120523