

Title (en)

SOLVENT, PROCESS FOR PROVIDING AN ABSORPTION LIQUID, AND USE OF THE SOLVENT

Title (de)

LÖSUNGSMITTEL, VERFAHREN ZUR BEREITSTELLUNG EINER ABSORPTIONSFLÜSSIGKEIT, SOWIE VERWENDUNG DES LÖSUNGSMITTELS

Title (fr)

SOLVANT, PROCÉDÉ DE PRÉPARATION D'UN LIQUIDE D'ABSORPTION ET UTILISATION DU SOLVANT

Publication

EP 2640490 A1 20130925 (DE)

Application

EP 12700391 A 20120112

Priority

- EP 11152688 A 20110131
- EP 2012050399 W 20120112
- EP 12700391 A 20120112

Abstract (en)

[origin: EP2481468A1] Solvent comprises an aqueous solution of a secondary amine and an additive, which inhibits the formation of nitrosamine, where the additive is a primary amine. Independent claims are included for: (1) a method of producing an absorption liquid comprising mixing an aqueous solution with a secondary amine, and adding the additive to the aqueous solution; and (2) absorption liquid produced by the process.

IPC 8 full level

B01D 53/14 (2006.01); **B01D 53/62** (2006.01)

CPC (source: EP KR US)

B01D 53/14 (2013.01 - KR); **B01D 53/1475** (2013.01 - EP US); **B01D 53/1493** (2013.01 - EP US); **B01D 53/62** (2013.01 - KR US); **Y02C 20/40** (2020.08 - EP US)

Citation (search report)

See references of WO 2012104120A1

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)

EP 2481468 A1 20120801; CN 103338836 A 20131002; EP 2640490 A1 20130925; KR 20140006854 A 20140116; US 2014084208 A1 20140327; WO 2012104120 A1 20120809

DOCDB simple family (application)

EP 11152688 A 20110131; CN 201280007134 A 20120112; EP 12700391 A 20120112; EP 2012050399 W 20120112; KR 20137020203 A 20120112; US 201213981392 A 20120112