Title (en)

MILLING APPARATUS AND MILLIG PROCESS FOR ION EXCHANGE RESINS

Title (de)

IONENAUSTAUSCHERHARZ-ZERKLEINERUNGSVORRICHTUNG UND IONENAUSTAUSCHERHARZ-ZERKLEINERUNGSVERFAHREN

Title (fr)

APPAREIL ET PROCEDE POUR BROYAGE DES RESINES EXCHANGEUSES D'IONS

Publication

EP 2867902 A1 20150506 (DE)

Application

EP 13759434 A 20130628

Priority

• DE 102012012828 A 20120628
• EP 2013001902 W 20130628

Abstract (en)

[origin: DE102012012828A1] The ion exchange resin processing device (10) has a tank (12) for receiving an aqueous ion exchange resin suspension (14). A stirring device (16) is provided in tank for stirring. A grinder (20) e.g. colloid mill is provided outside the tank. A pumping device (22) is provided for feeding the aqueous ion exchange resin suspension from tank to grinder. The grinding surface of colloid mill is made from metal, metal carbide or ceramic. An independent claim is included for ion exchange resin processing method.

IPC 8 full level

G21F 9/30 (2006.01); **B01F 7/18** (2006.01); **B01F 13/10** (2006.01); **G21F 9/12** (2006.01)

CPC (source: CN EP)

B01F 27/90 (2022.01 - CN EP); **B01F 33/833** (2022.01 - CN EP); **B01F 33/83613** (2022.01 - CN EP); **G21F 9/12** (2013.01 - CN EP); **G21F 9/30** (2013.01 - CN EP); **G21F 9/304** (2013.01 - CN EP)

Citation (search report)

See references of WO 2014000890A1

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)

DE 102012012828 A1 20121220; CA 2872705 A1 20140103; CN 104428842 A 20150318; CN 104428842 B 20161228; EP 2867902 A1 20150506; EP 2867902 B1 20160420; ES 2579089 T3 20160804; JP 2015529540 A 20151008; JP 6157612 B2 20170705; WO 2014000890 A1 20140103

DOCDB simple family (application)

DE 102012012828 A 20120628; CA 2872705 A 20130628; CN 201380034271 A 20130628; EP 13759434 A 20130628; EP 2013001902 W 20130628; ES 13759434 T 20130628; JP 2015518893 A 20130628