

Title (en)
DEVICE FOR FILTRATION, DRYING AND STORAGE

Title (de)
VORRICHTUNG ZUR FILTRATION, TROCKNUNG UND LAGERUNG

Title (fr)
DISPOSITIF DE FILTRATION, DE SÉCHAGE ET DE STOCKAGE

Publication
EP 2780355 A1 20140924 (DE)

Application
EP 12787704 A 20121114

Priority
• EP 11189343 A 20111116
• EP 2012072581 W 20121114
• EP 12787704 A 20121114

Abstract (en)
[origin: WO2013072348A1] The invention relates to a device for the filtration, drying and storing of solid substances of a suspension (FDS unit) and to a method carried out in this installation for the downstream processing of a solid-substance suspension, in particular of crystallizable therapeutic proteins or active substances. The FDS unit, designed for use as a disposable system, is a device with which active-substance crystals can be filtered, dried, stored and reconstituted in a non-degrading and reliable way in a closed process, i.e. without interim opening or decanting.

IPC 8 full level
C07K 1/34 (2006.01)

CPC (source: EP US)
B01D 9/00 (2013.01 - US); **B01D 29/00** (2013.01 - US); **C07K 1/34** (2013.01 - EP US); **F26B 17/00** (2013.01 - US)

Citation (search report)
See references of WO 2013072348A1

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 2013072348 A1 20130523; AU 2012338914 A1 20140529; BR 112014011780 A2 20170509; CA 2855726 A1 20130523;
CN 103930434 A 20140716; EP 2780355 A1 20140924; IL 232490 A0 20140630; IN 3291DEN2014 A 20150626; JP 2015500202 A 20150105;
JP 6192649 B2 20170906; KR 20150000862 A 20150105; MX 2014005591 A 20140730; RU 2014124001 A 20151227;
SG 11201401646S A 20141030; US 2014317951 A1 20141030; ZA 201403471 B 20150729

DOCDB simple family (application)
EP 2012072581 W 20121114; AU 2012338914 A 20121114; BR 112014011780 A 20121114; CA 2855726 A 20121114;
CN 201280056262 A 20121114; EP 12787704 A 20121114; IL 23249014 A 20140507; IN 3291DEN2014 A 20140424;
JP 2014541635 A 20121114; KR 20147012758 A 20121114; MX 2014005591 A 20121114; RU 2014124001 A 20121114;
SG 11201401646S A 20121114; US 201214359065 A 20121114; ZA 201403471 A 20140514