

Title (en)

PLATE COLUMN FOR THE SEPARATION OF MONOMERIC VINYL CHLORIDE (VCM) FROM POLYVINYL CHLORIDE (PVC) IN THE SUSPENSION PROCESS

Title (de)

BODENKOLONNE ZUR ABTRENnung VON MONOMEREM VINYLCHLORID (VCM) VON POLYVINYLCHLORID (PVC) IM SUSPENSIONSVERFAHREN

Title (fr)

COLONNE A PLATEAUX DESTINEE A LA SEPARATION DE CHLORURE DE VINYLE MONOMERE (VCM) DU CHLORURE DE POLYVINYLE (PVC) DANS LE PROCEDE DE SUSPENSION

Publication

EP 1641836 A1 20060405 (EN)

Application

EP 04739520 A 20040602

Priority

- EP 2004005940 W 20040602
- DE 10330105 A 20030703

Abstract (en)

[origin: WO2005003187A1] The invention relates to a plate column used in the manufacture of PVC by the suspension process to separate the PVC from unreacted VCM. The invention furthermore relates to a method of preventing the formation of a deposit in a plate column and the invention also relates to a novel use of commercially available tangential cone nozzles. To clean the interior of the plate column and/or to prevent the formation of deposits, suspension from the sump portion of the plate column is sprayed into the middle portion thereof.

IPC 1-7

C08F 6/00; B01D 3/22; B01D 3/14; B01D 3/38; C08F 14/06; C08L 27/06

IPC 8 full level

B01D 3/00 (2006.01); **B01D 3/20** (2006.01); **B01D 3/38** (2006.01); **C02F 1/04** (2006.01); **C08F 6/00** (2006.01)

CPC (source: EP)

B01D 3/008 (2013.01); **B01D 3/20** (2013.01); **B01D 3/38** (2013.01); **C02F 1/042** (2013.01); **C08F 6/003** (2013.01)

Citation (search report)

See references of WO 2005003187A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005003187 A1 20050113; EP 1641836 A1 20060405

DOCDB simple family (application)

EP 2004005940 W 20040602; EP 04739520 A 20040602