

Title (en)

Column system and method for manufacturing the same

Title (de)

Kolonnensystem und Verfahren zu dessen Herstellung

Title (fr)

Système de colonne et procédé pour sa réalisation

Publication

**EP 1473531 A2 20041103 (DE)**

Application

**EP 04005613 A 20040309**

Priority

- EP 04005613 A 20040309
- DE 10319755 A 20030430
- EP 03012310 A 20030528

Abstract (en)

The column system has at least one separating column, a column container (1) and a cold box with jacket (2). Radial connectors (3, 3a) between the column container and jacket are in axial and/or radial sliding connection with the column container and/or with the cold box jacket. The connectors are built up from one or more stiff elements. Independent claim describes method for making a column system where the column container is introduced into the cold box and radial connectors which are connected to the column container and the cold box jacket slide axially along the container and/or along the jacket.

Abstract (de)

Ein Kolonnensystem weist mindestens eine Trennkolonne, einen Kolonnenbehälter und eine Coldbox mit Coldbox-Mantel auf. Der Kolonnenbehälter ist über radiale, steife Verbindungsglieder (3, 3a, 3b, 3c, 3d) in axialer und/oder radialer Richtung gleitend mit dem Coldbox-Mantel verbunden. Außerdem wird ein Verfahren zu der Herstellung eines derartigen Kolonnensystems beschrieben. <IMAGE>

IPC 1-7

**F25J 3/04**; E04H 7/06

IPC 8 full level

**F25J 3/04** (2006.01)

CPC (source: EP)

**F25J 3/0295** (2013.01); **F25J 3/04945** (2013.01); **F25J 2290/30** (2013.01); **F25J 2290/42** (2013.01)

Cited by

FR3102238A1; FR2979422A1; EP2030662A1; WO2008014899A1

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)

**EP 1473531 A2 20041103**; **EP 1473531 A3 20041124**; **EP 1473531 B1 20060517**; AT E326672 T1 20060615; DE 502004000563 D1 20060622; ES 2265123 T3 20070201

DOCDB simple family (application)

**EP 04005613 A 20040309**; AT 04005613 T 20040309; DE 502004000563 T 20040309; ES 04005613 T 20040309