

Title (en)

TANKAGE SYSTEM INCORPORATING ADSORPTION CLARIFICATION AND PARALLEL PLATE SEPARATION

Title (de)

TANKSYSTEM MIT ADSORPTIONSKLÄRUNG UND PARALLELPLATTENABSCHEIDUNG

Title (fr)

SYSTEME DE STOCKAGE EN RESERVOIR A CLARIFICATION PAR ADSORPTION ET SEPARATION PAR PLAQUES PARALLELES

Publication

**EP 1735071 A1 20061227 (EN)**

Application

**EP 05730395 A 20050322**

Priority

- US 2005009472 W 20050322
- US 55614104 P 20040324

Abstract (en)

[origin: WO2005097287A1] A water treatment process and equipment for implementation of the process are provided. The equipment incorporates a high rate clarifier with series operated inclined parallel plate settlers, followed by adsorption clarification with buoyant media.

IPC 8 full level

**B01D 21/02** (2006.01); **B01D 21/00** (2006.01); **B01D 24/46** (2006.01); **B01D 36/04** (2006.01); **B03D 1/24** (2006.01)

CPC (source: EP)

**B01D 21/0006** (2013.01); **B01D 21/0012** (2013.01); **B01D 21/0018** (2013.01); **B01D 21/0039** (2013.01); **B01D 21/0045** (2013.01); **B01D 21/0057** (2013.01); **B01D 21/02** (2013.01); **B01D 21/08** (2013.01); **B01D 21/2472** (2013.01); **B01D 21/2488** (2013.01); **B01D 24/46** (2013.01); **B01D 36/04** (2013.01)

Cited by

CN102179104A

Designated contracting state (EPC)

DE ES FR GB IE

DOCDB simple family (publication)

**WO 2005097287 A1 20051020**; AU 2005231684 A1 20051020; AU 2005231684 B2 20101021; BR PI0508001 A 20070703; BR PI0508001 B1 20160927; CA 2560794 A1 20051020; CA 2560794 C 20130723; CN 100528282 C 20090819; CN 1980716 A 20070613; EP 1735071 A1 20061227; EP 1735071 A4 20080730; MX PA06010876 A 20070116

DOCDB simple family (application)

**US 2005009472 W 20050322**; AU 2005231684 A 20050322; BR PI0508001 A 20050322; CA 2560794 A 20050322; CN 200580016848 A 20050322; EP 05730395 A 20050322; MX PA06010876 A 20050322