

Title (en)

Drum or drum segment for a drying apparatus for bulk material and process for manufacturing a drum or drum segment

Title (de)

Trommel oder -segment für eine Trocknungsvorrichtung von schüttfähigem Material und Verfahren zur Herstellung einer Trommel oder eines Trommelsegmentes

Title (fr)

Tambour ou segment de tambour pour un dispositif de séchage de matériau en vrac et procédé de fabrication d'un tambour ou d'un segment de tambour

Publication

EP 1909051 B1 20180425 (DE)

Application

EP 06020815 A 20061004

Priority

EP 06020815 A 20061004

Abstract (en)

[origin: EP1909051A1] The drum (5) or drum segment has fixtures arranged in an inner side of the drum, which is rotatable around a middle axis. The fixtures mix and convey fluid materials when a temperature-controlled gaseous transfer fluid is conducted from a drum inlet to a drum outlet. Statically load-bearing support rings (7) elastically compensate tensile and compressive stresses and are positively and/or non-positively connected to the fixtures and/or a mounting frame (14), where the rings are arranged between the fixtures and the drum. An independent claim is also included for a method for manufacturing a drum or a drum segment for a drying system.

IPC 8 full level

F26B 11/04 (2006.01)

CPC (source: EP US)

F26B 11/0477 (2013.01 - EP US); **Y10T 29/49826** (2015.01 - EP US)

Cited by

CN104452534A; CN104729251A

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1909051 A1 20080409; EP 1909051 B1 20180425; CA 2664647 A1 20080410; CA 2664647 C 20150512; CN 101611282 A 20091223; CN 101611282 B 20120704; ES 2672102 T3 20180612; LT 1909051 T 20180625; MY 160649 A 20170315; PL 1909051 T3 20181031; RU 2009116626 A 20101110; RU 2459163 C2 20120820; US 2010154243 A1 20100624; US 8910393 B2 20141216; WO 2008040545 A1 20080410

DOCDB simple family (application)

EP 06020815 A 20061004; CA 2664647 A 20071004; CN 200780041893 A 20071004; EP 2007008622 W 20071004; ES 06020815 T 20061004; LT 06020815 T 20061004; MY PI20091304 A 20071004; PL 06020815 T 20061004; RU 2009116626 A 20071004; US 31157207 A 20071004