

Title (en)  
SEPARATOR DRUM

Title (de)  
SEPARATORTROMMEL

Title (fr)  
TAMBOUR SEPARATEUR

Publication  
**EP 1848540 B2 20130501 (DE)**

Application  
**EP 06704291 A 20060131**

Priority  
• EP 2006050558 W 20060131  
• DE 102005005660 A 20050208

Abstract (en)  
[origin: US2009054223A1] A separator drum for a separator having a vertical rotational axis. The separator drum includes an upper drum section, a lower drum section, and a screw connection formed between the upper end lower drum sections without a locking ring. The upper drum section is screwed into the lower drum section or the lower drum section is screwed into the upper drum section.

IPC 8 full level  
**B04B 7/08** (2006.01); **B04B 1/00** (2006.01); **B04B 1/10** (2006.01)

CPC (source: EP US)  
**B04B 1/00** (2013.01 - EP US); **B04B 1/10** (2013.01 - EP US); **B04B 7/08** (2013.01 - EP US); **B07B 1/28** (2013.01 - EP US)

Citation (opposition)  
Opponent :  
• US 3899128 A 19750812 - JOYCE JOHN E  
• US 3843045 A 19741022 - SCHMIDT W, et al  
• US 565278 A 18960804  
• US 565279 A 18960804  
• GB 320300 A 19291010 - KOEFOED HAUBERG MARSTRAND & HELWEG AS TITAN, et al  
• US 4191325 A 19800304 - LINDFORS KAJ [SE], et al  
• GB 1535554 A 19781213 - WESTFALIA SEPARATOR AG  
• EP 0182902 B1 19870930

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)  
**US 2009054223 A1 20090226; US 7749148 B2 20100706**; AT E459424 T1 20100315; CN 100566844 C 20091209; CN 101115566 A 20080130; DE 102005005660 A1 20060810; DE 502006006332 D1 20100415; EP 1848540 A1 20071031; EP 1848540 B1 20100303; EP 1848540 B2 20130501; ES 2340870 T3 20100610; ES 2340870 T5 20130920; JP 2008529768 A 20080807; JP 4782147 B2 20110928; PL 1848540 T3 20100730; PL 1848540 T5 20131129; WO 2006084806 A1 20060817

DOCDB simple family (application)  
**US 88355706 A 20060131**; AT 06704291 T 20060131; CN 200680004392 A 20060131; DE 102005005660 A 20050208; DE 502006006332 T 20060131; EP 06704291 A 20060131; EP 2006050558 W 20060131; ES 06704291 T 20060131; JP 2007554536 A 20060131; PL 06704291 T 20060131