

Title (en)  
Rotating drum.

Title (de)  
Drehrohr.

Title (fr)  
Tambour rotatif.

Publication  
**EP 0357939 B1 19940706 (DE)**

Application  
**EP 89113941 A 19890728**

Priority  
DE 3830678 A 19880909

Abstract (en)  
[origin: EP0357939A2] In this rotating drum, which is driven on the external circumference and runs on rollers and has, provided in the region of the rotating drum heads which adjoin the rotating drum ends, lines or connection pieces for product input, product gas take-off and solid output for the thermal treatment, low temperature carbonisation or pyrolysis of liquid or solid materials or mixing phases by means of indirect heating, a floating slide-ring sealing system is provided on the input and output side respectively between the moving and the stationary parts of the rotating drum, for the purpose of improved sealing and increased service life of the sealing packings. By means of a respective non-positive frame construction, a rotary connection is made possible between the rotating drum and the two stationary rotating drum heads which are connected to the lines or connection pieces. <IMAGE>

IPC 1-7  
**F27B 7/24**

IPC 8 full level  
**C10B 1/10** (2006.01); **C10B 47/30** (2006.01); **C10B 55/00** (2006.01); **F27B 7/22** (2006.01); **F27B 7/24** (2006.01); **F27B 7/02** (2006.01)

CPC (source: EP US)  
**F27B 7/2206** (2013.01 - EP US); **F27B 7/24** (2013.01 - EP US); **F27B 2007/022** (2013.01 - EP US); **F27B 2007/2233** (2013.01 - EP US); **Y10S 277/903** (2013.01 - EP US)

Cited by  
AU658083B2; AT397861B; EP0813035A1; US6003874A; US5707592A; EP4361545A1

Designated contracting state (EPC)  
AT BE CH DE ES FR GB GR IT LI LU NL SE

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**EP 0357939 A2 19900314; EP 0357939 A3 19910109; EP 0357939 B1 19940706**; AT E108267 T1 19940715; CA 1326357 C 19940125; DD 287767 A5 19910307; DE 3830678 A1 19900322; DE 3830678 C2 19910508; DE 58908002 D1 19940811; DE 8903410 U1 19900104; ES 2056157 T3 19941001; JP H02113088 A 19900425; RU 2037509 C1 19950619; US 5022852 A 19910611

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**EP 89113941 A 19890728**; AT 89113941 T 19890728; CA 610756 A 19890908; DD 33243489 A 19890907; DE 3830678 A 19880909; DE 58908002 T 19890728; DE 8903410 U 19890318; ES 89113941 T 19890728; JP 23182289 A 19890908; SU 4614892 A 19890908; US 40523189 A 19890911