

Title (en)

APPARATUS FOR FEEDING AND/OR CARRYING-OFF FLUIDS TO RESPECTIVELY FROM A CONVERTER

Publication

EP 0250696 B1 19890830 (DE)

Application

EP 86890195 A 19860630

Priority

EP 86890195 A 19860630

Abstract (en)

[origin: EP0250696A1] 1. An arrangement for supplying to and/or discharging working media from a tiltable converter (1) provided with carrying trunnions (3, 4), comprising a rotor (15) fastened to a carrying trunnion (4) and including channels (20) having their axes parallel to the carrying trunnion (4) as well as stationary casings (16) surrounding the rotor (15) and including radial channels (17, 23), peripheral grooves (22) being provided either on the external side of the rotor (15) and/or on the internal side of the casings (16), into which a radial channel (23) of the casings and a radial channel (21) of the rotor (15) departing from an axial channel (20) of the rotor (15) each enter, characterised in that the arrangement is constituted by equally designed annular elements (14) each including a rotor element (15) and a stator element (16), the stator element (16) of each annular element (14) having a radial channel (23) and the rotor element (15) of the same annular element (14) having a radial channel (21) and a plurality of axial channels (20), one of which enters into the radial channel (21) and is closed on its ends, whereas the other axial channels (20) are designed with open ends, and the individual annular elements (14) are tightly assembled in alignment with regard to the open-ended axial channels (20).

IPC 1-7

C21C 5/48

IPC 8 full level

C21C 5/48 (2006.01)

CPC (source: EP)

C21C 5/48 (2013.01)

Cited by

CN114277213A

Designated contracting state (EPC)

AT BE DE FR GB IT LU NL SE

DOCDB simple family (publication)

EP 0250696 A1 19880107; EP 0250696 B1 19890830; AT E45987 T1 19890915; DE 3665323 D1 19891005

DOCDB simple family (application)

EP 86890195 A 19860630; AT 86890195 T 19860630; DE 3665323 T 19860630