

Title (en)

Assembly and disassembly methods and apparatus.

Title (de)

Vorrichtung und Verfahren zum Montieren und Demontieren.

Title (fr)

Appareil et méthode pour l'assemblage et le désassemblage.

Publication

EP 0051178 A1 19820512 (EN)

Application

EP 81108316 A 19811014

Priority

US 20080880 A 19801027

Abstract (en)

Assembly and disassembly methods and apparatus for a rotary machine (100). According to a first aspect of the present invention, methods and apparatus (200) are provided for assembling and disassembling a horizontal split stator housing (122) of the rotary machine (100), specifically a lower section (144) of the stator housing (122). According to a second aspect of the present invention, methods and apparatus (300) are provided for assembling and disassembling a rotor seal (124) and a disc end bearing (132) of the rotary machine (100). According to a third aspect of the present invention, methods and apparatus are provided for assembling and disassembling an impeller rotor (106) of the rotary machine (100).

IPC 1-7

F04D 29/64; F01D 25/28

IPC 8 full level

F04D 17/08 (2006.01); **B23P 19/04** (2006.01); **F01D 25/28** (2006.01); **F02C 7/00** (2006.01); **F04D 29/60** (2006.01); **F04D 29/64** (2006.01)

CPC (source: EP)

F01D 25/285 (2013.01); **F04D 29/64** (2013.01)

Citation (search report)

- DE 2026915 A1 19701223
- FR 802529 A 19360907 - BEAUDREY BERGERON
- US 1991761 A 19350219 - MCHUGH ANTHONY L

Cited by

US9512723B2; CN114483660A; CN111614219A; EP3477066A1; EP2610439A1; CN104024583A; CN114915116A; WO2013098028A1

Designated contracting state (EPC)

CH DE IT

DOCDB simple family (publication)

EP 0051178 A1 19820512; EP 0051178 B1 19860813; DE 3175117 D1 19860918; JP S57114334 A 19820716; JP S6327130 B2 19880601

DOCDB simple family (application)

EP 81108316 A 19811014; DE 3175117 T 19811014; JP 17198081 A 19811027