

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

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Application

EP 81108316 A 19811014

Priority

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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).

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F04D 29/64; **F01D 25/28**

IPC 8 full level

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CPC (source: EP)

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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; EP2610439A1; CN104024583A; EP3477066A1; CN114915116A; WO2013098028A1

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