

Title (en)
Compression

Title (de)
Verdichtung

Title (fr)
Compression

Publication
EP 0707150 A2 19960417 (DE)

Application
EP 95810613 A 19951003

Priority
DE 4436731 A 19941014

Abstract (en)
Bolts (8) are anchored in the bases of the peripheral grooves (10) into which they extend radially. The bolts divide the guide blades (1) into groups (A4,A5) and on the dividing plane (20) of the housing into final groups (A6,A7). The guide blade feet (3) adjoining the bolts are provided with recesses for accommodation of the bolts. In the peripheral grooves between the guide blade feet intermediate pieces are arranged, and those pieces adjoining the bolts are provided with recesses for accommodation of the bolts. The final groups comprises at least one guide blade and one divided intermediate piece (6,7) which are joined to one another by fixtures.

Abstract (de)
Bei einem Verdichter mit axial geteiltem Gehäuse, bestehend aus mehreren Gehäusehälften (21a, 21b), sind die Leitschaufeln (1) mit ihren Füßen (3) in Umfangsnuten (10) befestigt. Ueber den Umfang verteilt sind im Nutgrund der Umfangsnut (10) verankerte Bolzen (8) eingebracht. Diese Bolzen (8) ragen vorzugsweise radial in die Umfangsnut (10) hinein und unterteilen die Leitschaufeln (1) in Gruppen (A4, A5) und an der Trennebene (20) des Gehäuses (21a, 21b) liegende Abschluss-Gruppen (A6, A7). <IMAGE>

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IPC 8 full level
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F01D 9/042 (2013.01 - EP US); **F04D 29/542** (2013.01 - EP US)

Cited by
EP1674734A1; FR2948736A1; US8333553B2; EP1965028A3; EP2163728A3; WO2011012679A3; WO2006067025A1; WO2008101473A1

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