

Title (en)
LARGE COMPRESSOR BUNDLE ASSEMBLY

Title (de)
GROSSE VERDICHTERBÜNDELANORDNUNG

Title (fr)
ENSEMBLE FAISCEAU POUR COMPRESSEUR DE GRANDE TAILLE

Publication
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Application
EP 13818731 A 20131218

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• EP 2013077260 W 20131218

Abstract (en)
[origin: WO2014102126A1] The present invention, mainly applicable to large / very heavy centrifugal compressors equipped with barrel casing, provides the installation of sliding pads at several convenient locations, typically in the areas adjacent the external gasket on the outer diaphragm bundle periphery. The sliding pads, made of self-lubricating material, cast iron or others graphite filled materials, will be bearing the whole diaphragm bundle weight preventing any direct contact between barrel casing internal surface (6) and diaphragm bundle external surface (7), both during assembly operations and also after the diaphragm bundle has reached its final location inside the barrel casing. In this way, it is possible to prevent possible damages to both diaphragm bundle (2) and casing housing surfaces during diaphragm bundle insertion/extraction phase into/from the barrel casing.

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