

Title (en)
CENTRIFUGAL COMPRESSOR

Title (de)
ZENTRIFUGALVERDICHTER

Title (fr)
COMPRESSEUR CENTRIFUGE

Publication
EP 2886875 B1 20160803 (EN)

Application
EP 13859857 A 20130625

Priority
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• JP 2013067359 W 20130625

Abstract (en)
[origin: EP2886875A1] In order to suppress surging and to increase operational efficiency while expanding the operational range, a high-pressure compressed fluid is fed from a volute part (22) through connecting parts (40A) and into a diffuser flow path (35), said diffuser flow path (35) being formed between an annular disk part (31) and an annular disk (32) in a diffuser part (30). Thus, it is possible to prevent a reverse flow region (H) from extending toward the rear edge of the diffuser part (30) due to detachment occurring from the annular disk (32).

IPC 8 full level
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