

Title (en)  
CENTRIFUGAL COMPRESSOR

Title (de)  
ZENTRIFUGALVERDICHTER

Title (fr)  
COMPRESSEUR CENTRIFUGE

Publication  
**EP 2955387 A1 20151216 (EN)**

Application  
**EP 13874463 A 20130927**

Priority  
• JP 2013020704 A 20130205  
• JP 2013076373 W 20130927

Abstract (en)  
A centrifugal compressor includes an impeller configured to discharge a fluid that flows into one side in an axial direction from an outlet that is directed outward in a radial direction, and a casing installed to surround the impeller and having an outlet flow channel configured to increase a pressure of the fluid as the fluid flows downstream while the fluid discharged from the outlet of the impeller flows therethrough, wherein a circulation flow channel having a first opening section connected to the outlet flow channel and a second opening section connected to an upstream side of the first opening section in the outlet flow channel.

IPC 8 full level  
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CPC (source: EP US)  
**F04D 17/10** (2013.01 - US); **F04D 17/122** (2013.01 - EP US); **F04D 29/102** (2013.01 - US); **F04D 29/284** (2013.01 - US);  
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**F05D 2250/52** (2013.01 - EP US)

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Designated extension state (EPC)  
BA ME

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