

Title (en)
COMPRESSOR IMPELLERS

Title (de)
VERDICHTERLAUFRÄDER

Title (fr)
ROUES DE COMPRESSEUR

Publication
EP 3008345 B1 20200902 (EN)

Application
EP 14730838 A 20140611

Priority
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Abstract (en)
[origin: WO2014198790A1] An impeller (46) includes a hub (62) having a direction of rotation, a plurality of impeller blades 60 extending from the hub (62), each blade having a downstream end (721), an upstream end (68), a leading surface (74) facing the direction of rotation of the hub, and a trailing surface (76) facing opposite to the direction of rotation of the hub. The impeller (46) further includes a secondary flow reducer (80) extending towards the downstream end (72) and the upstream end (68) of the at least one of the plurality of impeller blades (60), the secondary flow reducer (80) defining first and second surfaces intersecting one of the leading surface and the trailing surface of the at least one of the plurality of impeller blades as well as a third surface between the first and second surfaces.

IPC 8 full level
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