

Title (en)

SWIRL-GENERATING APPARATUS AND TURBOCHARGER WITH SUCH A SWIRL-GENERATING APPARATUS

Title (de)

DRALLERZEUGUNGSAPPARAT UND TURBOLADER MIT EINEM SOLCHEN DRALLERZEUGUNGSAPPARAT

Title (fr)

APPAREIL DE PRODUCTION DE ROTATION ET TURBOCOMPRESSEUR ÉQUIPÉ D'UN TEL APPAREIL

Publication

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Application

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Abstract (en)

[origin: WO2009083292A1] The invention relates to a swirl-generating apparatus (10), in particular for a turbocharger (44), for generating pre-swirl, wherein the swirl-generating apparatus has: a housing (12) comprising a first and second housing element (14, 16), wherein guide vanes (18) are arranged between the housing elements along the periphery, wherein the housing is configured such that a gaseous medium flows into the housing along the periphery to the side, wherein the housing has a guide element (20) which deflects the gaseous medium in a substantially axial direction before it flows out of the housing, and an adjusting device (30, 58) for adjusting the guide vanes (58) in order to generate pre-swirl.

IPC 8 full level

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