

Title (en)
DOUBLE-FLOW TURBOMACHINE

Title (de)
ZWEIFLUTIGE STRÖMUNGSMASCHINE

Title (fr)
TURBOMACHINE À DOUBLE FLUX

Publication
EP 3542066 B1 20240522 (DE)

Application
EP 17805101 A 20171109

Priority
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Abstract (en)
[origin: WO2018091131A1] The housing of a turbomachine comprises a first housing section (14, 17; 32, 45) with a central chamber (13) and an outer chamber (16) which extends around the central chamber (13). A first impeller (6) is received in the central chamber (13) of the first housing section (14, 17; 32, 45) and can be rotated about an axis (9). The first housing section (14, 17; 32, 45) and a second housing section (18, 19; 43, 46) are arranged on different sides of a cutting plane (A) which is perpendicular to the axis (9). The housing has a first passage (22) which extends from the central chamber (13) and a second passage (23) which extends from the outer chamber (16). Both passages (22, 23) cross a housing cutting plane (A) which is perpendicular to the axis (9).

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