

Title (en)
THREE-FLOW TURBOMACHINE STRUCTURE

Title (de)
DREISTROMTURBOMASCHINENSTRUKTUR

Title (fr)
STRUCTURE DE TURBOMACHINE A TROIS FLUX

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Application
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Abstract (en)
[origin: WO2022262998A1] The invention relates to a turbomachine (2) of the type having an unducted fan (4), comprising: a splitter (10) separating an air flow (F) into a primary flow (F1) and a secondary flow (F2); a compressor (14) compressing the primary flow (F1); and an air/oil heat exchanger (24); characterized in that the exchanger (24) is positioned in a channel (26) through which there flows a tertiary flow (F3), the tertiary flow (F3) being drawn from the secondary flow (F2) upstream of the exchanger (24) and impinging, downstream of the exchanger (24), at least one annular row of rotor blades (20, 22) of the compressor (14).

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