

Title (en)
Structure assembly for a turbo machine

Title (de)
Strukturbaugruppe für eine Strömungsmaschine

Title (fr)
Ensemble structurel pour une turbomachine

Publication
EP 2808556 B1 20181114 (DE)

Application
EP 14170055 A 20140527

Priority
DE 102013210167 A 20130531

Abstract (en)
[origin: US2014356143A1] A structural assembly for a fluid-flow machine includes: a main flow path boundary and at least one row of relatively rotating blades with a gap existing between blade ends of the at least one row of blades and the main flow path boundary. At least one secondary flow duct has in the main flow path boundary one opening each at ends spaced apart in the flow direction, such that the secondary flow duct is connected to the main flow path via the two openings. The structural assembly has at least two components connected to one another, i.e. at least one support component and at least one connecting component, where the support component at least partially forms the main flow path boundary and where the connecting component forms or surrounds at least one part-section of the secondary flow duct.

IPC 8 full level
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