

Title (en)
Structure assembly for a turbomachine

Title (de)
Strukturbaugruppe für eine Strömungsmaschine

Title (fr)
Ensemble structurel pour une turbomachine

Publication
EP 2808558 B1 20171206 (DE)

Application
EP 14170065 A 20140527

Priority
DE 102013210171 A 20130531

Abstract (en)
[origin: US2014363277A1] A structural assembly for a fluid-flow machine includes a main flow path boundary, a row of relatively rotating blades with a gap existing between the blade ends and the main flow path boundary. A secondary flow duct is connected to the main flow path via the two openings spaced apart in the flow direction. A structural assembly has at least one support component and at least one replaceable plug connected directly or indirectly to the support component. The replaceable plug includes a part-section of a secondary flow duct, where the part-section complements at least one further part-section of the secondary flow duct extending outside the plug in the structural assembly to form a secondary flow duct which is continuous between its openings.

IPC 8 full level
F04D 29/52 (2006.01); **F04D 29/68** (2006.01); **F04D 29/54** (2006.01)

CPC (source: EP US)
F01D 17/105 (2013.01 - US); **F04D 29/526** (2013.01 - EP US); **F04D 29/541** (2013.01 - EP US); **F04D 29/681** (2013.01 - EP US); **F04D 29/685** (2013.01 - EP US); **F05D 2260/15** (2013.01 - US); **F05D 2260/606** (2013.01 - US); **F05D 2270/17** (2013.01 - US)

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