

Title (en)

System for regulating a cooling fluid within a turbomachine

Title (de)

System zur Regulierung einer Kühlflüssigkeit in einer Turbomaschine

Title (fr)

Système de régulation d'un liquide de refroidissement dans une turbomachine

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Application

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Abstract (en)

Embodiments of the present invention provide a system for regulating a cooling fluid within a turbomachine (100). The system may include a plurality of bypass chambers, wherein each of the plurality of bypass chambers allows for the cooling fluid to pass from the compressor section (150) to a wheelspace area (195). The system includes a plurality of angular passages (430) that aid in the mixing of a cooling fluid with a working fluid in the wheelspace area (195).

IPC 8 full level

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Cited by

EP3184749A1; EP3159486A1; EP3068996A4; EP3388638A1; US10125632B2; US11480055B2; US10132195B2; US10436050B2; WO2020040747A1; US10641117B2; US11053808B2; US10787920B2; US11466582B2

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