

Title (en)
ROOF AND FLOOR FLOWS

Title (de)
DACH- UND BODENSTRÖMUNG

Title (fr)
FLUX PAR RAPPORT AU TOIT ET AU PLANCHER

Publication
EP 1951567 A4 20130417 (EN)

Application
EP 06809824 A 20061101

Priority
• IL 2006001264 W 20061101
• US 73192405 P 20051101

Abstract (en)
[origin: WO2007052271A2] A ducted air flow vehicle including a fuselage having a longitudinal axis, a first cockpit on one side of the longitudinal axis, a center portion adjacent and below the first cockpit, a first air flow duct mounted in the fuselage and including a first prime air mover to force surrounding air flow through the first air flow duct, and a second air flow duct mounted in the fuselage and including a second prime air mover to force surrounding air flow through the second duct, where outer upper and lower surfaces of the center portion are aerodynamically shaped to enhance production of aerodynamic lift forces by air flowing over the center portion and reduce resistance to air flow exiting the first airflow duct.

IPC 8 full level
B64C 15/00 (2006.01); **B60V 3/08** (2006.01); **B64C 1/00** (2006.01); **B64C 1/14** (2006.01); **B64C 1/22** (2006.01); **B64C 3/00** (2006.01); **B64C 3/40** (2006.01); **B64C 23/00** (2006.01); **B64C 27/08** (2006.01); **B64C 27/20** (2006.01); **B64C 29/00** (2006.01); **B64C 39/00** (2006.01)

CPC (source: EP KR US)
B60V 3/08 (2013.01 - EP); **B64C 1/1415** (2013.01 - EP); **B64C 1/22** (2013.01 - EP); **B64C 1/38** (2013.01 - KR); **B64C 3/40** (2013.01 - EP); **B64C 27/20** (2013.01 - EP KR US); **B64C 29/0025** (2013.01 - EP); **B64C 29/0033** (2013.01 - EP); **B64U 10/20** (2023.01 - EP KR US); **B64U 30/26** (2023.01 - EP KR US); **B64U 50/12** (2023.01 - EP KR US); **B64U 50/14** (2023.01 - EP KR US); **B64U 60/50** (2023.01 - EP KR US); **B64U 2101/58** (2023.01 - US); **B64U 2101/64** (2023.01 - US); **Y02T 50/10** (2013.01 - EP)

Citation (search report)
• [XYI] US 4537372 A 19850827 - FORIZS LORANT [US]
• [XI] FR 1347733 A 19640104
• [Y] US 3265329 A 19660809 - STEVEN POSTELSON
• See also references of WO 2007052271A2

Designated contracting state (EPC)
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