

Title (en)
SYSTEMS AND METHODS FOR AIRCRAFT PROPULSION

Title (de)
SYSTEME UND VERFAHREN FÜR FLUGZEUGANTRIEB

Title (fr)
SYSTÈMES ET PROCÉDÉS DE PROPULSION D'AÉRONEF

Publication
EP 4347394 A2 20240410 (EN)

Application
EP 22786420 A 20220601

Priority
• US 202163195462 P 20210601
• IB 2022000432 W 20220601

Abstract (en)
[origin: WO2022254257A2] A water propulsion system for an aircraft is presented. The water propulsion system enables maneuvering of the aircraft, such as a seaplane, on the surface of water. The system can include waterjets located on floats of the aircraft that enable maneuvering of the aircraft in forward, backward, and lateral directions as well as rotational motion. The systems are quieter in operation than the main engine of the aircraft and provide precision maneuvering for docking or active stabilization of the aircraft's position.

IPC 8 full level
B64C 25/54 (2006.01); **B64C 35/00** (2006.01)

CPC (source: EP)
B64C 25/54 (2013.01); **B64C 35/00** (2013.01); **B64C 35/005** (2013.01)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2022254257 A2 20221208; **WO 2022254257 A3 20230323**; EP 4347394 A2 20240410

DOCDB simple family (application)
IB 2022000432 W 20220601; EP 22786420 A 20220601