

Title (en)  
MODULAR HYDROFOIL DEVICE

Title (de)  
MODULARE FOIL-VORRICHTUNG

Title (fr)  
DISPOSITIF DE FOIL MODULAIRE

Publication  
**EP 2939917 B1 20170301 (FR)**

Application  
**EP 15001324 A 20150430**

Priority  
FR 1453937 A 20140430

Abstract (en)  
[origin: US2015314837A1] The modular foil includes a wing and a fuselage extending in a longitudinal direction and bearing the wing. The fuselage includes a central segment, a first segment bearing a first portion of the wing, and being removable from the central segment, and an assembling device to connect the central segment with the first segment in the longitudinal direction. The central segment and the first segment are connected end to end. The assembling device includes a pair formed by a male connector and a female connector cooperating through a specific interlocking. The male connector includes at least one outer inclined wall, complementary and cooperating with an internal inclined wall born by the female connector for an optimal interlocking between the central segment and the first segment. There is a locking device along the longitudinal axis of the fuselage to ensure locking in at least one direction of the longitudinal axis.

IPC 8 full level  
**B63B 1/24** (2006.01); **B63B 35/79** (2006.01)

CPC (source: EP US)  
**B63B 32/64** (2020.02 - EP US); **B63B 34/26** (2020.02 - US); **B63B 34/40** (2020.02 - EP US)

Cited by  
FR3051433A1; CN109415105A; DE202021104080U1; DE202019103496U1; US11345449B2; DE102020116552B4

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

DOCDB simple family (publication)  
**EP 2939917 A1 20151104**; **EP 2939917 B1 20170301**; FR 3020619 A1 20151106; FR 3020619 B1 20180316; US 2015314837 A1 20151105; US 9278739 B2 20160308

DOCDB simple family (application)  
**EP 15001324 A 20150430**; FR 1453937 A 20140430; US 201514701268 A 20150430