Title (en)

CAMBERING DEVICE FOR PROFILED SAIL

Title (de)

WÖLBVORRICHTUNG FÜR PROFILSEGEL

Title (fr)

DISPOSITIF CAMBREUR POUR VOILE PROFILEE

Publication

**EP 4093666 A1 20221130 (FR)**

Application

**EP 21704601 A 20210106**

Priority

- FR 2000594 A 20200122
- FR 2021050013 W 20210106

Abstract (en)

[origin: CA3166995A1] Disclosed is a cambering device (1) for a profiled sail (V) comprising: - an elastically deformable semi-rigid structure (2), comprising: -- two length sections, extending one in front of the other, respectively forming a first length section (20) secured to a first surface of the profiled sail and a second length section (21) secured to a second surface of the profiled sail (V), -- a U-shaped connecting section (22), connecting the two length sections together, ending at the trailing edge of the sail with two free ends (23,24), - a spacing system (3) configured to work in compression and tension, in order to maintain a gap between the two length sections (20, 21), - actuating means (4) connecting the two free ends (23, 24) of the semi-rigid structure together.

IPC 8 full level

**B63H 9/061** (2020.01); **B63H 9/065** (2020.01)

CPC (source: EP US)

**B63H 9/061** (2020.02 - EP US); **B63H 9/065** (2020.02 - EP); **B63H 9/067** (2020.02 - US); **B63H 9/10** (2013.01 - US)

Citation (search report)

See references of WO 2021148734A1

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)

**FR 3106332 A1 20210723**; AU 2021210643 A1 20220728; CA 3166995 A1 20210729; EP 4093666 A1 20221130; US 2023067148 A1 20230302; WO 2021148734 A1 20210729; WO 2021148734 A9 20210916; ZA 202208036 B 20231220

DOCDB simple family (application)

**FR 2000594 A 20200122**; AU 2021210643 A 20210106; CA 3166995 A 20210106; EP 21704601 A 20210106; FR 2021050013 W 20210106; US 202117794471 A 20210106; ZA 202208036 A 20220719