

Title (en)
Device with at least one aerodynamically shaped element with changeable geometry, incorporating a control system of the boundary layer.

Title (de)
Einrichtung mit mindestens einem aerodynamischen Formteil mit veränderlicher Geometrie, die ein Grenzschicht-Kontrollsystem beinhaltet.

Title (fr)
Dispositif comprenant au moins un élément de forme aérodynamique à géométrie modifiable, intégrant un système de contrôle de la couche limite.

Publication
EP 0511050 A1 19921028 (FR)

Application
EP 92401041 A 19920414

Priority

- FR 9104719 A 19910417
- FR 9105445 A 19910503
- FR 9108750 A 19910711

Abstract (en)
The element (3) may be a set of sails (3), for example, having at least one aperture (68) for creating an air passage from the windward face to the leeward face and guidance means (4ab, 4bc) for directing the air emerging from the said aperture, on the leeward side, and giving it a direction tangential to the said element. According to the invention, the aperture (68) and the said guidance means (4ab, 4bc) are created temporarily and adjusted by changing the position and/or the geometry of at least a part and/or an area (3a,3b; 3b,3c) of the said device, and the device furthermore comprises means (5-10, 12, 36, 40, 51, 48, 45) suitable for adjusting the geometry of the said element, at least in terms of the shape and concavity of the camber. <IMAGE>

IPC 1-7
B63H 9/06

IPC 8 full level
B63H 9/06 (2006.01)

CPC (source: EP US)
B63H 9/06 (2013.01 - EP US); **B63H 9/061** (2020.02 - EP US); **B63H 8/20** (2020.02 - EP US)

Citation (search report)

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Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0511050 A1 19921028; EP 0511050 B1 19961218; AT E146424 T1 19970115; AU 1777092 A 19921117; CA 2108368 A1 19921029; DE 69215952 D1 19970130; DE 69215952 T2 19970911; DK 0511050 T3 19970609; ES 2097890 T3 19970416; US 5485799 A 19960123; US 5603276 A 19970218; WO 9218381 A2 19921029; WO 9218381 A3 19921223

DOCDB simple family (application)
EP 92401041 A 19920414; AT 92401041 T 19920414; AU 1777092 A 19920414; CA 2108368 A 19920414; DE 69215952 T 19920414; DK 92401041 T 19920414; ES 92401041 T 19920414; FR 9200330 W 19920414; US 13708593 A 19931018; US 52752495 A 19950913