

Title (en)
SAIL FOR A WIND-POWERED VEHICLE

Title (de)
SEGEL FÜR EIN DURCH WINDKRAFT BEWEGBARES FAHRZEUG

Title (fr)
VOILE POUR VEHICULE PROPULSABLE PAR ENERGIE EOLIENNE

Publication
EP 0888233 B1 20020508 (DE)

Application
EP 98902980 A 19980107

Priority
• DE 19700293 A 19970108
• EP 9800035 W 19980107

Abstract (en)
[origin: DE19700293A1] The invention concerns a sail (1) for a wind-powered vehicle, such as a surfboard, sailing boat or the like, wherein the sail (1) can be connected along its front edge (11) to a mast (3). At its clew or at or near its lower edge (16) the sail (1) can be connected at least at points to a boom (30) which is connected in hinged manner to the mast (3). In the region of its free rear edge (12) the sail (1) comprises at least one part (20) which is adjustable in the sail plane. By adjusting the sail part (20) in its one adjusting direction, the overall area of the sail (1) can be decreased and, by adjusting the sail part (20) in its other adjusting direction, the overall area of the sail (1) can be increased. The sail according to the invention is characterized in that the adjustable sail part (20) can be displaced substantially perpendicular to the free rear edge (12) of the sail (1) and/or substantially parallel to the boom (30).

IPC 1-7
B63H 9/10; **B63H 9/06**; **B63B 35/79**

IPC 8 full level
B63H 9/06 (2006.01); **B63B 35/79** (2006.01); **B63H 9/10** (2006.01)

CPC (source: EP US)
B63H 8/21 (2020.02 - US); **B63H 8/40** (2020.02 - EP US); **B63H 9/1021** (2013.01 - EP US)

Cited by
EP3914510B1

Designated contracting state (EPC)
DE ES FR GB IT NL

DOCDB simple family (publication)
DE 19700293 A1 19980709; AU 5986598 A 19980803; AU 740676 B2 20011108; CA 2247823 A1 19980716; DE 59804021 D1 20020613; EP 0888233 A1 19990107; EP 0888233 B1 20020508; ES 2176952 T3 20021201; JP 2001502637 A 20010227; US 6112688 A 20000905; WO 9830441 A1 19980716

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DE 19700293 A 19970108; AU 5986598 A 19980107; CA 2247823 A 19980107; DE 59804021 T 19980107; EP 9800035 W 19980107; EP 98902980 A 19980107; ES 98902980 T 19980107; JP 53053198 A 19980107; US 14218999 A 19990304