

Title (en)
MAST FOR SAILING VEHICLES

Title (de)
MAST FÜR SEGELFAHRZEUGE

Title (fr)
MÂT POUR VÉHICULES À VOILE

Publication
EP 2536618 A1 20121226 (DE)

Application
EP 10721266 A 20100215

Priority
AT 2010000042 W 20100215

Abstract (en)
[origin: WO2011097657A1] The invention relates to a mast for sailing vehicles, said mast being divided in a lateral direction into two mirror symmetrical mast profiles (mast halves) (1) which merge at or under the top of the mast, which are placed apart on the base of the mast, and which curve outward forming arcs or run in a straight manner. Acting forces are transferred via an inner stay (2) and inner spokes (3), by means of the arrangement and number of which the dimensional stability of the construction and of the static advantage thereof is achieved. A direct flow onto the mainsail (10) is enabled by the division of the mast into two profiles, the design of the mast halves and the profile shape thereof (8), (9) being preferably carried out in an aerodynamic manner.

IPC 8 full level
B63B 15/00 (2006.01)

CPC (source: EP US)
B63B 15/0083 (2013.01 - EP US)

Citation (search report)
See references of WO 2011097657A1

Designated contracting state (EPC)
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 SE SI SK SM TR

DOCDB simple family (publication)
WO 2011097657 A1 20110818; AU 2010345702 A1 20121004; AU 2010345702 B2 20151015; CA 2789767 A1 20110818;
CN 102762443 A 20121031; EP 2536618 A1 20121226; JP 2013519575 A 20130530; NZ 602340 A 20141031; US 2012304907 A1 20121206

DOCDB simple family (application)
AT 2010000042 W 20100215; AU 2010345702 A 20100215; CA 2789767 A 20100215; CN 201080063878 A 20100215;
EP 10721266 A 20100215; JP 2012553142 A 20100215; NZ 60234010 A 20100215; US 201013578832 A 20100215