

Title (en)  
ENERGY-REGULATING DEVICE FOR REGULATING HYBRID ENERGY SOURCES FOR AN AIRCRAFT

Title (de)  
ENERGIEREGELVORRICHTUNG ZUM REGELN HYBRIDER ENERGIEQUELLEN FÜR EIN FLUGZEUG

Title (fr)  
DISPOSITIF DE RÉGULATION D'ÉNERGIE DESTINÉ À RÉGULER DES SOURCES D'ÉNERGIE HYBRIDES POUR UN AÉRONEF

Publication  
**EP 2548249 A2 20130123 (DE)**

Application  
**EP 11707638 A 20110302**

Priority  
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• DE 102010011416 A 20100315  
• EP 2011053097 W 20110302

Abstract (en)  
[origin: WO2011113696A2] An energy-regulating device (2) for regulating hybrid energy sources (E1, E2) for an aircraft is designed to determine an operating characteristic of an energy source (E1, E2), a requirement of a first required resource of at least one first consumer (V1), and a requirement of a second required resource of a second consumer (V2). The energy-regulating device (2) controls the energy sources (E1, E2) dependent on the requirement of a first required resource and a second required resource, and when an excess first or second required resource, which can be provided by the energy source, is not required, said energy-regulating device supplies a third consumer (V3) with the excess required resource. An energy system can thereby drive different consumers independent of the type of generated required resources and the dependencies thereof, said dependencies occurring during the generation.

IPC 8 full level  
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CPC (source: EP US)  
**B64D 41/00** (2013.01 - EP US); **H01M 8/04007** (2013.01 - EP US); **H01M 8/04373** (2013.01 - EP US); **H01M 8/04402** (2013.01 - EP US); **H01M 8/0441** (2013.01 - EP US); **H01M 8/04425** (2013.01 - EP US); **H01M 8/04589** (2013.01 - EP US); **H01M 8/04626** (2013.01 - EP US); **H01M 8/04738** (2013.01 - EP US); **H01M 8/04776** (2013.01 - EP US); **H01M 8/04947** (2013.01 - EP US); **H01M 8/249** (2013.01 - EP US); **H01M 16/003** (2013.01 - EP US); **H02J 1/14** (2013.01 - EP US); **H02J 3/14** (2013.01 - EP US); **H02J 3/38** (2013.01 - US); **H02J 4/00** (2013.01 - EP US); **B64D 2041/005** (2013.01 - EP US); **H01M 2250/20** (2013.01 - EP US); **H01M 2250/40** (2013.01 - EP US); **H02J 7/345** (2013.01 - EP US); **H02J 7/35** (2013.01 - EP US); **H02J 2310/44** (2020.01 - EP US); **Y02E 60/50** (2013.01 - EP US); **Y02T 90/40** (2013.01 - EP US); **Y10S 903/903** (2013.01 - EP US)

Citation (search report)  
See references of WO 2011113696A2

Citation (examination)  
WO 2008113850 A2 20080925 - AIRBUS GMBH [DE], et al

Designated contracting state (EPC)  
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