

Title (en)
ELECTRICALLY DRIVEN AIRCRAFT

Title (de)
ELEKTRISCH ANGETRIEBENES LUFTFAHRZEUG

Title (fr)
AÉRONEF À ENTRAÎNEMENT ÉLECTRIQUE

Publication
EP 2528818 A2 20121205 (DE)

Application
EP 11701820 A 20110128

Priority

- DE 102010006153 A 20100129
- EP 2011051233 W 20110128

Abstract (en)
[origin: CA2788424A1] The invention relates to an electrically driven aircraft (11), comprising a tank (13) for NH₃ in order to provide NH₃, an energy source (15, 17, 19, 19', 35, 37), which generates electric energy using and converting NH₃, an electrically driven propulsion system (25, 27) that ensures the propulsion of the aircraft (11), and an energy distribution system (23) that supplies the generated electric energy to the propulsion system (25, 27).

IPC 8 full level
B64D 27/24 (2006.01); **H01M 8/00** (2006.01); **H01M 8/22** (2006.01)

CPC (source: EP US)
B64D 27/24 (2013.01 - EP US); **H01M 8/222** (2013.01 - EP US); **B64D 2041/005** (2013.01 - EP US); **H01M 8/0687** (2013.01 - EP US); **H01M 2250/20** (2013.01 - EP US); **Y02E 60/50** (2013.01 - EP); **Y02T 50/60** (2013.01 - EP US); **Y02T 90/40** (2013.01 - EP US)

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

DOCDB simple family (publication)
DE 102010006153 A1 20110804; BR 112012018551 A2 20160503; CA 2788424 A1 20110804; CN 102741123 A 20121017;
EP 2528818 A2 20121205; JP 2013517986 A 20130520; RU 2012136844 A 20140310; US 2012301814 A1 20121129;
WO 2011092297 A2 20110804; WO 2011092297 A3 20111229

DOCDB simple family (application)
DE 102010006153 A 20100129; BR 112012018551 A 20110128; CA 2788424 A 20110128; CN 201180007816 A 20110128;
EP 11701820 A 20110128; EP 2011051233 W 20110128; JP 2012550465 A 20110128; RU 2012136844 A 20110128;
US 201113576108 A 20110128