

Title (en)
SYSTEM AND METHOD FOR CREATING A NETWORKED INFRASTRUCTURE DISTRIBUTION PLATFORM OF ENERGY GATHERING DEVICES

Title (de)
SYSTEM UND VERFAHREN ZUR ERSTELLUNG EINER VERTEILUNGSPLATTFORM FÜR ENERGIEGEWINNUNGSVORRICHTUNGEN MIT NETZWERKINFRASTRUKTUR

Title (fr)
SYSTÈME ET PROCÉDÉ DE CRÉATION D'UNE PLATE-FORME DE DISTRIBUTION À INFRASTRUCTURE EN RÉSEAU DE DISPOSITIFS COLLECTEURS D'ÉNERGIE

Publication
EP 2142794 A2 20100113 (EN)

Application
EP 07867982 A 20071221

Priority

- US 2007026229 W 20071221
- US 64510906 A 20061222
- US 62498707 A 20070119
- US 62610607 A 20070123
- US 62740407 A 20070126
- US 62750407 A 20070126
- US 62753807 A 20070126
- US 67063507 A 20070202
- US 67435207 A 20070213
- US 84244107 A 20070821

Abstract (en)
[origin: WO2008079369A2] A system and method for creating a networked infrastructure distribution platform of energy gathering devices. In one embodiment of the invention, a vehicle comprises an energy storage system; and at least one solar energy generating device coupled to the vehicle. The at least one solar energy generating device is configured to generate electricity from sunlight. The at least one solar energy generating device is configured to electrically connect to a roadway system electricity grid. In another embodiment of the present invention is a method for a vehicle gathering solar energy and providing the same to the roadway system electricity grid. The method comprises the step of harnessing solar energy from a vehicle-based solar energy gathering device; converting solar energy into electrical energy; storing the electrical energy; and discharging the stored electrical energy to a roadway system electricity grid.

IPC 8 full level
F03D 1/04 (2006.01)

CPC (source: EP US)
B60L 8/00 (2013.01 - EP); **B60L 8/003** (2013.01 - EP); **B60L 8/006** (2013.01 - EP); **B60L 53/14** (2019.01 - EP US); **B60L 53/30** (2019.01 - EP US); **B60L 53/51** (2019.01 - EP US); **B60L 53/52** (2019.01 - EP US); **F03D 9/007** (2013.01 - EP US); **F03D 9/11** (2016.05 - EP US); **F03D 9/25** (2016.05 - EP US); **F03D 9/32** (2016.05 - EP US); **F03D 9/46** (2016.05 - EP US); **H02S 10/10** (2014.12 - EP); **B60K 2016/003** (2013.01 - EP); **F05B 2240/941** (2013.01 - EP); **H02S 20/00** (2013.01 - EP); **Y02B 10/30** (2013.01 - EP); **Y02E 10/50** (2013.01 - EP); **Y02E 10/72** (2013.01 - EP); **Y02E 10/728** (2013.01 - EP); **Y02E 70/30** (2013.01 - EP); **Y02T 10/70** (2013.01 - EP); **Y02T 10/7072** (2013.01 - EP); **Y02T 10/90** (2013.01 - EP); **Y02T 90/12** (2013.01 - EP); **Y02T 90/14** (2013.01 - EP)

Citation (search report)
See references of WO 2008079369A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2008079369 A2 20080703; WO 2008079369 A3 20091230; BR PI0720775 A2 20140204; CA 2673490 A1 20080703; CN 101680421 A 20100324; CN 101680421 B 20160120; EP 2142794 A2 20100113; JP 2010534289 A 20101104

DOCDB simple family (application)
US 2007026229 W 20071221; BR PI0720775 A 20071221; CA 2673490 A 20071221; CN 200780050537 A 20071221; EP 07867982 A 20071221; JP 2009542954 A 20071221