

Title (en)
HYDRAULICALLY CONTROLLED HYDROSTATIC TRANSMISSION

Title (de)
HYDRAULISCH GESTEUERTES HYDROSTATISCHES GETRIEBE

Title (fr)
TRANSMISSION HYDROSTATIQUE À COMMANDE HYDRAULIQUE

Publication
EP 2955379 A3 20160120 (EN)

Application
EP 15163556 A 20150414

Priority
US 201461979291 P 20140414

Abstract (en)
[origin: US2015292499A1] A hydrostatic transmission system includes a pump including a rotatable swash plate, wherein rotation of the swashplate effects a change in volumetric displacement of the pump. An actuator is coupled to the swashplate, the actuator operative to effect rotation of the swashplate to change the volumetric displacement of the pump. An electronic controller is operatively coupled to the actuator, the electronic controller configured to command the actuator to effect rotation of the swashplate.

IPC 8 full level
F04B 49/12 (2006.01)

CPC (source: EP US)
F04B 1/295 (2013.01 - EP US); **F04B 1/324** (2013.01 - EP US); **F04B 49/12** (2013.01 - EP US)

Citation (search report)

- [I] WO 2014022228 A1 20140206 - PARKER HANNIFIN CORP [US]
- [I] EP 1462647 A2 20040929 - SAUER BIBUS GMBH [DE]
- [I] US 2005084387 A1 20050421 - KLOCKE CRAIG C [US]
- [I] WO 0244563 A1 20020606 - INGERSOLL RAND CO [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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
US 2015292499 A1 20151015; EP 2955379 A2 20151216; EP 2955379 A3 20160120

DOCDB simple family (application)
US 201514685730 A 20150414; EP 15163556 A 20150414