Title (en)

DRIVE WITH AN ENERGY RECOVERY AND RETARDER FUNCTION

Title (de)

ANTRIEB MIT ENERGIERÜCKGEWINNUNGS- UND RETARDERFUNKTION

Title (fr)

MÉCANISME D ENTRAÎNEMENT AVEC FONCTION DE RÉCUPÉRATION D ÉNERGIE ET DE RETARD

Publication

EP 1963125 A1 20080903 (DE)

Application

EP 06829793 A 20061220

Priority

- EP 2006012352 W 20061220
- DE 102005061990 A 20051223

Abstract (en)

[origin: DE102005061990A1] The drive (1) includes a hydrostatic piston machine (12) with a store (16) for compression energy and a pressure limiting valve (19) to create a braking effect. There is a cooler (45) downstream of the pressure limiting valve. The drive also includes a hydraulic motor (35) to drive a cooler fan (33). The hydraulic motor is supplied with hydraulic fluid from the piston machine.

IPC 8 full level

B60K 6/12 (2006.01); **B60T 1/10** (2006.01)

CPC (source: EP US)

B60K 6/12 (2013.01 - EP US); **B60T 1/10** (2013.01 - EP US); **B60T 10/04** (2013.01 - EP US); **F16H 61/4096** (2013.01 - EP US); **F16H 61/4157** (2013.01 - EP US); **F16H 61/4165** (2013.01 - EP US); Y02T 10/62 (2013.01 - EP US); Y10T 477/621 (2015.01 - EP US)

Citation (search report)

See references of WO 2007076942A1

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 NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102005061990 A1 20070705; EP 1963125 A1 20080903; US 2008295507 A1 20081204; US 8024924 B2 20110927; WO 2007076942 A1 20070712

DOCDB simple family (application)

DE 102005061990 A 20051223; EP 06829793 A 20061220; EP 2006012352 W 20061220; US 15837306 A 20061220