

Title (en)

HYDROSTATIC DRIVE WITH BRAKING ENERGY RECOVERY FEATURE

Title (de)

HYDROSTATISCHER ANTRIEB MIT BREMSENERGIERÜCKGEWINNUNG

Title (fr)

ENTRAÎNEMENT HYDROSTATIQUE AVEC RÉCUPÉRATION DE L'ÉNERGIE DE FREINAGE

Publication

EP 2081787 A2 20090729 (DE)

Application

EP 07819371 A 20071026

Priority

- EP 2007009327 W 20071026
- DE 102006050873 A 20061027

Abstract (en)

[origin: DE102006050873A1] The hydrostatic drive has a hydraulic pump (2) and hydraulic motor (3) connected to each other by a feed pipe (4). The hydraulic pump and hydraulic motor are arranged in an open circuit, and a downstream connection (9) of the hydraulic motor is connected with a tank volume (15) or with the storage unit (18) by a valve device (17). A suction connection of the hydraulic pump is connected with the storage unit by another valve device.

IPC 8 full level

B60K 6/12 (2006.01)

CPC (source: EP US)

B60K 6/12 (2013.01 - EP US); **F16H 61/4017** (2013.01 - EP US); **F16H 61/4096** (2013.01 - EP US); **F16H 61/4148** (2013.01 - EP US); **F16H 61/4157** (2013.01 - EP US); **Y02T 10/62** (2013.01 - EP US)

Citation (search report)

See references of WO 2008049635A2

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DE 102006050873 A 20061027; CN 200780036955 A 20071026; EP 07819371 A 20071026; EP 2007009327 W 20071026; US 44582807 A 20071026