

Title (en)
Hydraulic motor

Title (de)
Hydraulischer Antrieb

Title (fr)
Entraînement hydraulique

Publication
EP 2469103 A2 20120627 (DE)

Application
EP 11008970 A 20111111

Priority
DE 102010055718 A 20101222

Abstract (en)
The hydraulic drive has a variable displacement pump (2) driven by a hydraulic motor (4). The pressure medium is conveyed from the variable displacement pump through an inlet line (8) into an inflow port of the motor, and is returned to a tank (T) through a return line (10). A brake valve (16) is arranged in the return line, and is actuated in opening direction through an inlet pressure controlled by a continuously variable control valve (54).

Abstract (de)
Offenbart ist ein hydraulischer Antrieb mit einem Hydromotor (4), dem ein Bremsventil (16) zugeordnet ist, das über einen Steuerdruck in Öffnungsrichtung beaufschlagt ist, der über eine vom Zulaufdruck gesteuerte Steuerventileinrichtung (54) erzeugt ist.

IPC 8 full level
F15B 11/044 (2006.01)

CPC (source: EP)
B66D 1/44 (2013.01); **F15B 11/044** (2013.01); **F15B 2211/20546** (2013.01); **F15B 2211/3127** (2013.01); **F15B 2211/6355** (2013.01); **F15B 2211/7058** (2013.01); **F15B 2211/761** (2013.01)

Citation (applicant)
• DE 10320946 B4 20050504 - BAUER MASCHINEN GMBH [DE]
• DE 102008064064 A1 20100624 - BOSCH GMBH ROBERT [DE]

Cited by
CN111891946A; CN104379972A; GB2533034A; GB2533034B; WO2014001043A1

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)
EP 2469103 A2 20120627; **EP 2469103 A3 20141008**; DE 102010055718 A1 20120628

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EP 11008970 A 20111111; DE 102010055718 A 20101222