

Title (en)
Hydrostatic machine

Title (de)
Hydrostatische Maschine

Title (fr)
Machine hydrostatique

Publication
EP 0953767 B1 20040714 (DE)

Application
EP 99107900 A 19990421

Priority
DE 19818721 A 19980427

Abstract (en)
[origin: EP0953767A2] A hydrostatic machine's (1) pistons (5) move in cylinders (4) in a lifting motion cycle. A regulator body (12) has low and high pressure control openings to connect the cylinders in an alternating cycle with low and high pressure ducts. To apply a pre-compressed pressure medium to the cylinders, it also has an additional opening (20) connected to a controlled pre-compression device triggered by a controller (24) to ensure continual, regular pressure in the cylinders.

IPC 1-7
F04B 11/00; F04B 1/20

IPC 8 full level
F04B 1/20 (2006.01); **F04B 11/00** (2006.01)

CPC (source: EP)
F04B 1/2042 (2013.01); **F04B 11/00** (2013.01)

Cited by
CN111120239A; CN107795448A; EP1174617A3; DE102014208406A1; DE102020212372A1; DE102018205884A1; US11162481B2

Designated contracting state (EPC)
DE FR GB IT SE

DOCDB simple family (publication)
DE 19818721 A1 19991028; DE 59909934 D1 20040819; EP 0953767 A2 19991103; EP 0953767 A3 20000809; EP 0953767 B1 20040714

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