

Title (en)  
HYDROSTATIC MACHINE

Title (de)  
HYDROSTATISCHE MASCHINE

Title (fr)  
MACHINE HYDROSTATIQUE

Publication  
**EP 1278960 B1 20060517 (DE)**

Application  
**EP 01905687 A 20010125**

Priority  
• DE 10021485 A 20000503  
• EP 0100819 W 20010125

Abstract (en)  
[origin: WO0183988A1] The invention relates to a hydrostatic machine (1) comprising at least one first hydrostatic unit (E1) and one second hydrostatic unit (E2), each hydrostatic unit (E1, E2) comprising respective pistons (14a, 14b) guided in respective cylinder drums (13a, 13b) and supported by respective swiveling bodies (17a, 17b) that can be adjusted by respective adjustment devices (6a, 6b), and further comprising respective control bodies (25a, 25b). A one-piece main housing body (2) radially surrounds the cylinder drums (13a, 13b), the control bodies (25a, 25b), and the adjustment devices (6a, 6b) of both hydrostatic units (E1, E2), and assigns pressure channels for supplying a pressure medium to and discharging it from the control bodies (25a, 25b) of both hydrostatic units (E1, E2). A first add-on housing body (3a) is disposed on a first side of the main housing body (2), and bears a swiveling body (17a) of the first hydrostatic unit (E1). On a second side of the main housing body (2) a second add-on housing body (3b) is provided which bears the swiveling body (17) of the second hydrostatic unit (E2).

IPC 8 full level  
**F04B 1/16** (2006.01); **F04B 1/22** (2006.01); **F04B 53/00** (2006.01)

CPC (source: EP US)  
**F04B 1/16** (2013.01 - EP US)

Cited by  
CN107781125A

Designated contracting state (EPC)  
DE FR GB IT SE

DOCDB simple family (publication)  
**WO 0183988 A1 20011108**; DE 10021485 A1 20011115; DE 10021485 B4 20060323; DE 50109818 D1 20060622; EP 1278960 A1 20030129; EP 1278960 B1 20060517; JP 2003532025 A 20031028; US 2003077189 A1 20030424; US 6846165 B2 20050125

DOCDB simple family (application)  
**EP 0100819 W 20010125**; DE 10021485 A 20000503; DE 50109818 T 20010125; EP 01905687 A 20010125; JP 2001580578 A 20010125; US 27516902 A 20021101