

Title (en)
Working machine

Title (de)
Arbeitsmaschine

Title (fr)
Engin de travaux publics

Publication
EP 1726723 A2 20061129 (EN)

Application
EP 06113452 A 20060503

Priority
JP 2005154632 A 20050526

Abstract (en)
A working machine includes a hydraulic control apparatus. In a straight travel valve (32) of the hydraulic control apparatus, a communication path (35) and a control valve (36) that opens and closes the communication path (35) are provided. During a combined operation of travelling operation and working operation, a working pressure (41) and a travelling pressure (42) are taken in as pilot pressures on either side of the control valve (36). During a small travelling operation in which the travelling operation amount is small, the communication path (35) is unconditionally closed. During a large travelling operation in which the travelling operation amount is large, if the working pressure (41) is higher than the travelling pressure (42), the communication path (35) is open, and if the working pressure (41) is lower than the travelling pressure (42), the communication path (35) is closed.

IPC 8 full level
E02F 9/22 (2006.01)

CPC (source: EP US)
E02F 9/2242 (2013.01 - EP US); **E02F 9/2253** (2013.01 - EP US); **E02F 9/2292** (2013.01 - EP US); **E02F 9/2296** (2013.01 - EP US)

Cited by
EP3133211A4; US7559197B2; CN113924399A; EP3967884A4; CN113950554A; EP3967885A4; US2022356675A1; US11713559B2; WO2009051677A1

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

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1726723 A2 20061129; **EP 1726723 A3 20070131**; **EP 1726723 B1 20080716**; AT E401464 T1 20080815; CN 1869344 A 20061129; DE 602006001783 D1 20080828; JP 2006329341 A 20061207; US 2006265915 A1 20061130

DOCDB simple family (application)
EP 06113452 A 20060503; AT 06113452 T 20060503; CN 200610087817 A 20060526; DE 602006001783 T 20060503; JP 2005154632 A 20050526; US 41438006 A 20060501