

Title (en)
HYDRAULIC CONTROL SYSTEM

Title (de)
HYDRAULISCHE STEUERANORDNUNG

Title (fr)
SYSTEME DE COMMANDE HYDRAULIQUE

Publication
EP 1407086 B1 20051026 (DE)

Application
EP 02747163 A 20020523

Priority
• DE 0201871 W 20020523
• DE 10133616 A 20010713

Abstract (en)
[origin: US6938413B2] There is disclosed a hydraulic control arrangement for damping driving vibrations of a mobile machine, comprising a lifting cylinder supporting a working tool whose cylinder chambers can be connected to a fluid source or a tank via a control valve arrangement. The hydraulic control arrangement has a damping valve arrangement including a control valve in which a check valve is integrated through which a bottom-side chamber of the lifting cylinder is connectable to a hydraulic accumulator. In the pressure control function the accumulator can be connected to a tank so that the accumulator pressure is restricted to a maximum value.

IPC 1-7
E02F 9/22; **B66F 9/22**

IPC 8 full level
E02F 9/22 (2006.01); **F15B 1/02** (2006.01); **F15B 1/027** (2006.01); **F15B 11/00** (2006.01)

CPC (source: EP KR US)
B66F 9/22 (2013.01 - KR); **E02F 9/2207** (2013.01 - EP US); **E02F 9/2217** (2013.01 - EP US); **E02F 9/226** (2013.01 - EP US); **E02F 9/2267** (2013.01 - EP US); **E02F 9/2271** (2013.01 - EP US); **F15B 1/021** (2013.01 - EP US)

Cited by
DE102012208307A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 03006753 A1 20030123; AT E307929 T1 20051115; DE 10133616 A1 20030130; DE 50204694 D1 20051201; EP 1407086 A1 20040414; EP 1407086 B1 20051026; JP 2004534188 A 20041111; JP 4204463 B2 20090107; KR 100897027 B1 20090514; KR 20040022221 A 20040311; US 2004216455 A1 20041104; US 6938413 B2 20050906

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DE 0201871 W 20020523; AT 02747163 T 20020523; DE 10133616 A 20010713; DE 50204694 T 20020523; EP 02747163 A 20020523; JP 2003512504 A 20020523; KR 20047000402 A 20020523; US 48206704 A 20040120