

Title (en)  
Construction machine

Title (de)  
Baumaschine

Title (fr)  
Engins de travaux publics

Publication  
**EP 1156162 A1 20011121 (FR)**

Application  
**EP 01420072 A 20010329**

Priority  
FR 0006148 A 20000515

Abstract (en)  
The control circuit actuating member having a pair of accelerometers (10,11) mounted on the tool holder, and an electronic unit (15,16) to determine the acceleration of the tool holder, and comparing it with a pre-defined acceleration, and acting on the hydraulic circuit as a function of this comparison. The machine has a pivotable hydraulic arm (1) deployable in the work plane, and a tool holder (2), receiving a work tool (4), mounted at the end of the hydraulic arm, and actuated by a jack (5) of the control circuit. There is a member acting on the control circuit to compensate for movement of the work tool during the movement of the arm.

IPC 1-7  
**E02F 3/43**

IPC 8 full level  
**E02F 3/43** (2006.01)

CPC (source: EP)  
**E02F 3/433** (2013.01); **E02F 3/436** (2013.01)

Citation (search report)

- [A] WO 9935462 A1 19990715 - UNIV GRIFFITH [AU], et al
- [A] DE 4415029 A1 19951102 - HAFENTECHNIK EBERSWALDE GMBH [DE]
- [AD] FR 2669663 A1 19920529 - HYDROMO [FR]
- [A] US 4431060 A 19840214 - SCHOLL ROLLAND D [US], et al
- [A] PATENT ABSTRACTS OF JAPAN vol. 007, no. 104 (M - 212) 6 May 1983 (1983-05-06)
- [A] PATENT ABSTRACTS OF JAPAN vol. 009, no. 294 (M - 431) 20 November 1985 (1985-11-20)
- [A] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 04 30 April 1997 (1997-04-30)

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