

Title (en)  
Hydraulic excavator with a hydraulic circuit

Title (de)  
Hydraulikbagger mit Hydraulikkreis

Title (fr)  
Pelle hydraulique avec un circuit hydraulique

Publication  
**EP 1416096 B1 20101006 (EN)**

Application  
**EP 03256761 A 20031027**

Priority  
JP 2002318556 A 20021031

Abstract (en)  
[origin: EP1416096A1] A pilot pressure control device reduces a pilot pressure fed to the bucket digging-side pilot port of a bucket control valve (4) according to the amount of boom raising operation, when the boom raising operation and bucket digging operation are performed simultaneously. The bucket control valve is operated by pilot pressure proportional to the amount of operation of a remote control valve (10).

IPC 8 full level  
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CPC (source: EP)  
**E02F 9/2228** (2013.01); **E02F 9/2235** (2013.01); **E02F 9/2242** (2013.01); **E02F 9/226** (2013.01); **E02F 9/2285** (2013.01); **E02F 9/2292** (2013.01); **E02F 9/2296** (2013.01); **F15B 11/162** (2013.01); **F15B 11/166** (2013.01); **F15B 11/167** (2013.01); **F15B 2211/20546** (2013.01); **F15B 2211/30565** (2013.01); **F15B 2211/30595** (2013.01); **F15B 2211/3116** (2013.01); **F15B 2211/329** (2013.01); **F15B 2211/575** (2013.01); **F15B 2211/6309** (2013.01); **F15B 2211/6313** (2013.01); **F15B 2211/6316** (2013.01); **F15B 2211/6355** (2013.01); **F15B 2211/71** (2013.01); **F15B 2211/76** (2013.01); **F15B 2211/78** (2013.01)

Cited by  
DE112014003084B4; EP2048371A4; CN105637230A; EP2924181A4; US8919115B2; US9784266B2; US7499783B2; US9394929B2; US9890801B2; WO2008015801A1

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