

Title (en)

Control means for controlling damping of an implement attached to a vehicle

Title (de)

Steuervorrichtung zur Steuerung der Dämpfung eines an einem Fahrzeug befestigten Gerätes

Title (fr)

Moyens de commande de réglage de l'amortissement d'un outil fixé à un véhicule

Publication

EP 2556737 A1 20130213 (EN)

Application

EP 12178597 A 20120731

Priority

GB 201113696 A 20110809

Abstract (en)

A vehicle control means for controlling movement of a front loader (2) having a first hydraulic circuit (HC5) for moving a boom (4) of the loader and a second hydraulic circuit (HC1) for moving a tool (6) attached to the loader. The damping of at least one of the hydraulic circuits is automatically adjusted according to the speed of the vehicle.

IPC 8 full level

A01B 63/10 (2006.01); **E02F 9/22** (2006.01)

CPC (source: EP)

E02F 9/2207 (2013.01); **E02F 9/2217** (2013.01); **E02F 9/264** (2013.01)

Citation (search report)

- [X] EP 2189581 A1 20100526 - DEERE & CO [US]
- [XI] US 5520499 A 19960528 - UFHEIL STEVEN T [US], et al
- [XI] US 2008295679 A1 20081204 - CALLAGHAN MERRITT P [GB], et al
- [XI] WO 2011043165 A1 20110414 - KOMATSU MFG CO LTD [JP], et al
- [A] GB 2445165 A 20080702 - AGCO SA [FR]
- [A] EP 1813730 A2 20070801 - STOLL MASCHF GMBH WILHELM [DE]
- [A] LODIGE H ET AL: "AKTIVE SCHWINGUNGSDAMPFUNG FÜR UNGEFEDERTE ARBEITSMASCHINEN", O + P OLHYDRAULIK UND PNEUMATIK, VEREINIGTE FACHVERLAGE, MAINZ, DE, vol. 39, no. 3, 1 March 1995 (1995-03-01), pages 188 - 192, XP000492760, ISSN: 0341-2660

Cited by

JP2021105319A; WO2021131546A1

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Designated extension state (EPC)

BA ME

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