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Halter et al.

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(54) **COUPLING DEVICE AND AGRICULTURAL MACHINE COMPRISING SUCH A DEVICE**

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See application file for complete search history.

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(57) **ABSTRACT**

(51) **Int. Cl.**

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A coupling device for an agricultural machine including a support for hitching to a tractor and at least one arm articulated to the support and protruding from the support in a direction parallel to a direction of advance of the tractor, the arm carrying, in an articulated manner, a chassis carrying a work element having a cutting angle relative to the ground to allow fine control of the cutting angle during movements of the work element. The coupling device further includes an upper connecting-rod, a lower connecting-rod, and a central connecting-rod, each of the upper and lower connecting-rods is articulated to the support and the central connecting-rod to form, projected in a vertical plane parallel to the direction of advance, a deformable quadrilateral, and the central connecting-rod is articulated to the chassis. An agricultural machine can include the coupling device.

(52) **U.S. Cl.**

CPC **A01B 59/066** (2013.01); **A01B 59/064** (2013.01); **A01B 63/10** (2013.01); **A01D 34/662** (2013.01)

(58) **Field of Classification Search**

CPC A01B 61/046; A01B 63/00; A01D 34/24; A01D 34/28; A01D 34/243; A01D 34/246; A01D 34/283; A01D 34/662

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