

Title (en)

A device for detachably coupling an implement to a vehicle

Title (de)

Vorrichtung zum auswechselbaren Verbinden eines Arbeitsgerätes mit einem Fahrzeug

Title (fr)

Dispositif permettant d'accoupler de façon amovible un outil à un véhicule

Publication

EP 1316649 A1 20030604 (EN)

Application

EP 02026002 A 20021121

Priority

SE 0103977 A 20011128

Abstract (en)

The present invention relates to a device (1) for detachably coupling an implement to a vehicle and in particular to a lightweight wedge device (1). The device (1) has a means for coupling the device (1) to the vehicle and a means for releasably engaging an implement to the device (1). The coupling means and the engaging means are moveable relative to one another by a wedge (11) mounted there between. The wedge (11) is a two part wedge (11) having a first part (12) normally fixed between the coupling means and the engaging means. A second part (14) is slidably insertable into and removable from the device (1) by an operator wherein the second part (14) is formed for cooperation with the first part (12).
<IMAGE>

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E02F 3/36

IPC 8 full level

E02F 3/36 (2006.01)

CPC (source: EP)

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Citation (search report)

- [XA] DE 29810750 U1 19981001 - ATLAS WEYHAUSEN GMBH [DE]
- [X] US 4700854 A 19871020 - CHADWICK DENNIS [CA]
- [A] US 4357765 A 19821109 - SEYKORA JAMES E
- [A] US 6301810 B1 20011016 - FIDLER JERRY D [US]
- [A] FR 2545122 A1 19841102 - LIEBHERR FRANCE [FR]
- [A] US 4068959 A 19780117 - PEMBERTON BRUCE W
- [DA] WO 9008234 A1 19900726 - SKELLEFTEAA STAALTEKNIK [SE]

Cited by

CN107105612A; US2017350090A1; EP2832931A1; WO2016102148A1; US10808375B2; EP2995724B1; EP2995724A2

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