

Title (en)

Apparatus for detachably securing a loader attachment on a vehicle

Title (de)

Vorrichtung zum lösbaren Verbinden eines Ladegerätes an ein Fahrzeug

Title (fr)

Appareil pour fixer de manière amovible un dispositif chargeur à un véhicule

Publication

EP 1010819 A3 20001025 (EN)

Application

EP 99124126 A 19991202

Priority

GB 9827868 A 19981218

Abstract (en)

[origin: EP1010819A2] A device is described for detachably securing a front-loader attachment to a carrier vehicle, using a respective crank pin on each side of the vehicle, which is pivoted across an angular range terminating at the top dead centre of the crank, so that the crank pin is forcibly engaged, in order to lock a coupling member at the front-loader end received in a bracket at the vehicle-end in a locking position by means of initial tension and which in turn can be locked in the locking position, respective adjusting members being provided to set the requisite initial tension when the crank pin is in the locking position. The device is distinctive as a means of keeping the number of re-settings to a minimum, since the adjusting member (10) is adjusted so that the requisite initial tension is built up approximately across an angle (OMEGA) after the start of the forced engagement-angular range (alpha) and across the entire forced engagement-angular range (alpha) by means of a locking device to secure the crank pin. <IMAGE>

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E02F 3/627

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [XA] GB 2131391 A 19840620 - HAUER FRANZ
- [Y] AT 396491 B 19930927 - HAUER FRANZ [AT]
- [YDA] DE 3831212 A1 19900322 - FENDT & CO XAVER [DE]
- [A] AT 303613 B 19721211 - HAUER FRANZ
- [A] EP 0097437 A1 19840104 - CASE POCLAIN CORP LTD [GB]
- [A] DE 19608549 A1 19970911 - LEWIN HEINZ ULRICH [DE]
- [A] DE 3100845 A1 19830428 - BAAS TECHNIK GMBH [DE]

Designated contracting state (EPC)

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