

Title (en)

CONTROLLABLE OR SELECTABLE COUPLING ASSEMBLY HAVING AN OVERRUN MODE AND A RETAINED CONTROL ELEMENT

Title (de)

STEUERBARE ODER AUSWÄHLBARE KUPPLUNGSANORDNUNG MIT EINEM ÜBERLAUFMODUS UND EINEM GEHALTENEN BEDIENELEMENT

Title (fr)

ENSEMBLE DE COUPLAGE POUVANT ÊTRE COMMANDÉ OU SÉLECTIONNÉ AYANT UN MODE DE DÉPASSEMENT ET UN ÉLÉMENT DE COMMANDE RETENU

Publication

EP 2895758 A1 20150722 (EN)

Application

EP 14738124 A 20140110

Priority

- US 201361750877 P 20130110
- US 2014010968 W 20140110

Abstract (en)

[origin: WO2014110319A1] A controllable or selectable coupling assembly having an overrun mode and a retained control element is provided. The assembly includes first and second coupling members having first and second coupling faces, respectively, in close-spaced opposition with one another. A locking member is disposed between the coupling faces of the coupling members. The locking member is movable between first and second positions. A control element is mounted for controlled movement between the coupling faces and is operable to control position of the locking member. The control element has at least one opening which extends completely therethrough to allow the locking member to extend therethrough. A retainer mechanism is operative to allow limited movement of the control element towards the first coupling face and prevent the control element from contacting the first coupling member in the overrun mode thereby reducing spin losses when the assembly is disengaged.

IPC 8 full level

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CPC (source: EP)

F16D 41/125 (2013.01); **F16D 41/14** (2013.01)

Citation (search report)

See references of WO 2014110319A1

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Designated extension state (EPC)

BA ME

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