

Title (en)

GREASE DELIVERY RECEIVER AND NOZZLE HAVING PRESSURIZATION LOCKOUT AND BLEED-DOWN CAPTURE

Title (de)

SCHMIERMITTELAUFNEHMER UND DÜSE MIT DRUCKBEAUFSCHLAGUNGSSPERRE UND DRUCKENTLASTUNGSERFASSUNG

Title (fr)

RÉCEPTACLE ET BUSE DE DISTRIBUTION DE GRAISSE AVEC ISOLEMENT DE MISE EN PRESSION ET CAPTAGE DE PURGE

Publication

EP 2769135 A1 20140827 (EN)

Application

EP 12841280 A 20121019

Priority

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- US 2012061220 W 20121019

Abstract (en)

[origin: WO2013059748A1] A grease and lubricating oil line coupler includes a nozzle and a receiver which can be intercoupled for grease or lubricating oil delivery. Each component has a normally closed, easily-cleanable, flush- faced mating surface, which prevents the entrance of contaminants into the free ends thereof when decoupled. The nozzle has a handle-operated internal valve with an interlock that is controlled by a quick disconnect slidable collar, which prevents the release of lubricants from the nozzle unless it is coupled to the receiver. Only when the nozzle and receiver are interconnected can the valve be opened; only when the valve is closed can the nozzle be decoupled from the receiver. A high-pressure bleed-off feature returns high-pressure excess lubricant within the coupler to the lubricant storage tank when the handle of the nozzle is returned to its OFF position prior to decoupling it from the receiver.

IPC 8 full level

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CPC (source: EP)

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