

Informationen zur Recherchenstrategie

Pilotphase (vgl. ABI. EPA 2015, A86)

Die Art der auf diesem Blatt enthaltenen Informationen kann sich während des Pilotprojekts zur Verbesserung des Nutzens dieses neuen Dienstes ändern.

Anmeldenummer

PCT/EP2018/069838

ERFINDUNGSBEZEICHNUNG: VORRICHTUNG ZUM STEuern EINES INJEKTORS

ANMELDER: LIEBHERR-COMPONENTS DEGGENDORF GMBH

IPC-KLASSIFIKATION: F02M63/00, F02M47/02

PRÜFER: Boye, Michael

KONSULTIERTE DATENBANKEN: WPI

KLASSIFIKATIONSSYMBOLLE, DIE DEN RECHERCHENUMFANG DEFINIEREN:

IPC:

CPC: F02M63/0045, F02M63/0078, F02M47/027, F02M2200/28, F02M63/0075, F02M63/0056

FI/F-TERMS:

SCHLAGWÖRTER ODER SONSTIGE ELEMENTE, IN DENEN DIE ERFINDUNG VORKOMMT:

Fuel injector with second fuel pressure control valve between a first control chamber and a second needle control chamber; the solenoid controlled injector valve depressurizes the first control chamber; the valve needle opens due to depressurization of the second control chamber via a second throttled channel between the two control chambers; the first control chamber has a first throttled high pressure inlet; when the solenoid valve closes, the pressure difference moves the second valve into its second position opening a third channel that connects the high pressure inlet without throttle restriction to the second control chamber, thereby quickly closing the valve needle; this third channel is placed in the element that guides the second control valve