Title (en)
LEAKAGE DETECTION ARRANGEMENT

Title (de)
LECKAGEDETEKTIONSANORDNUNG

Title (fr)
AGENCEMENT DE DÉTECTION DE FUITE

Publication
EP 3359801 A1 20180815 (EN)

Application
EP 15791000 A 20151009

Priority
FI 2015050677 W 20151009

Abstract (en)
[origin: WO2017060561A1] The leakage detection arrangement for detecting a leakage in a fuel injection system comprises a fluid chamber (1) arrangeable in fluid communication with a leakage channel (2, 3), an indicator element (5) that is configured to move due to fuel pressure in the fluid chamber (1) from a retracted position to a protruding position thus indicating a leakage, and a retaining element (6), which is arranged around the indicator element (5) and configured to keep the indicator element (5) in the retracted position and allow movement of the indicator element (5) to the protruding position when the force applied to the indicator element (5) by the fuel pressure in the fluid chamber (1) exceeds a predetermined threshold. The arrangement comprises a groove (7) which is arranged in a part (8) surrounding the indicator element (5) and which is configured to accommodate the retaining element (6).

IPC 8 full level
F02M 55/00 (2006.01); **F02M 55/02** (2006.01); **F02M 65/00** (2006.01)

CPC (source: EP KR)
F02M 55/002 (2013.01 - EP KR); **F02M 55/004** (2013.01 - EP KR); **F02M 55/02** (2013.01 - EP KR); **F02M 65/006** (2013.01 - EP KR)

Citation (search report)
See references of WO 2017060561A1

Cited by
WO2023059619A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2017060561 A1 20170413; CN 108368808 A 20180803; CN 108368808 B 20200630; EP 3359801 A1 20180815; EP 3359801 B1 20190717; KR 102068917 B1 20200121; KR 20180059942 A 20180605

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FI 2015050677 W 20151009; CN 201580085069 A 20151009; EP 15791000 A 20151009; KR 20187013076 A 20151009