

Title (en)

Fuel rail of a combustion engine

Title (de)

Kraftstoffleiste eines Verbrennungsmotors

Title (fr)

Rampe de carburant d'un moteur à combustion

Publication

**EP 2080894 B1 20111012 (EN)**

Application

**EP 08000958 A 20080118**

Priority

EP 08000958 A 20080118

Abstract (en)

[origin: EP2080894A1] Fuel rail (18) of a combustion engine (22) comprising a main tube (32) with a longitudinal central axis (A) and a cavity (36) forming an inner surface (38), the main tube (32) being designed to contain fuel, a membrane (44) being arranged in the cavity (36) and being fixedly coupled to the inner surface (38) of the main tube (32) in a manner to sealingly separate a damping chamber (48) of the cavity (36) from a fuel chamber (50) of the cavity (36). The membrane (44) is designed to oscillate in axial direction. The membrane (44) and the damping chamber (48) are designed to compensate pressure variations of the fuel in the fuel chamber (50) of the main tube (32).

IPC 8 full level

**F02M 55/02** (2006.01); **F02M 55/04** (2006.01); **F02M 69/46** (2006.01)

CPC (source: EP)

**F02M 55/025** (2013.01); **F02M 55/04** (2013.01); **F02M 69/465** (2013.01); **F02M 2200/31** (2013.01); **F02M 2200/315** (2013.01)

Cited by

EP3633181A1; JP2014009680A; FR2989122A1; JP2015513042A; US10519890B2; US9074565B2; DE102020114435B3; US2014283789A1; US9518544B2; WO2013153324A1; JP2014020370A; EP3483422B1

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