

Title (en)
INJECTION VALVE FOR A COMBUSTION ENGINE

Title (de)
EINSPRITZVENTIL FÜR EINE VERBRENNUNGSKRAFTMASCHINE

Title (fr)
SOUPAPE D'INJECTION POUR MOTEUR A COMBUSTION

Publication
EP 3058214 A1 20160824 (DE)

Application
EP 14798711 A 20141014

Priority
• DE 102013220791 A 20131015
• EP 2014071958 W 20141014

Abstract (en)
[origin: WO2015055612A1] The invention relates to an injection valve (100) for a combustion engine. The injection valve comprises a fluid inlet duct (1) designed to define a flow of fluid (4) in a main direction of flow (6), wherein the fluid inlet duct (1) comprises a capture section (7) designed to guide the fluid in a direction that is at least partially opposite the main direction of flow (6).

IPC 8 full level
F02M 51/06 (2006.01); **F02M 55/00** (2006.01); **F02M 61/16** (2006.01)

CPC (source: EP)
F02M 51/0675 (2013.01); **F02M 55/008** (2013.01); **F02M 61/165** (2013.01); **F02M 2200/27** (2013.01)

Citation (search report)
See references of WO 2015055612A1

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)
DE 102013220791 A1 20150416; **DE 102013220791 B4 20150723**; EP 3058214 A1 20160824; EP 3058214 B1 20191211;
WO 2015055612 A1 20150423

DOCDB simple family (application)
DE 102013220791 A 20131015; EP 14798711 A 20141014; EP 2014071958 W 20141014