

Title (en)

ANNULAR ADAPTER FOR INJECTOR AND ASSOCIATED MANUFACTURING PROCESS

Title (de)

RINGFÖRMIGER ADAPTER FÜR INJEKTOR UND ZUGEHÖRIGES HERSTELLUNGSVERFAHREN

Title (fr)

ADAPTATEUR ANNULAIRE POUR INJECTEUR ET PROCÉDÉ DE FABRICATION ASSOCIÉ

Publication

**EP 4323634 A1 20240221 (FR)**

Application

**EP 22721395 A 20220408**

Priority

- FR 2103762 A 20210412
- EP 2022059509 W 20220408

Abstract (en)

[origin: WO2022218871A1] Annular adapter (20) for positioning an injector in a cylinder head of an engine cylinder, the adapter (20) having a body (21) comprising an inner wall (25) and an outer wall (24), the inner wall (25) comprising a plurality of projections (32) intended to come into contact with the injector, the adapter (20) being obtained by cold forming.

IPC 8 full level

**F02M 61/14** (2006.01); **F02M 61/16** (2006.01)

CPC (source: EP)

**F02M 61/14** (2013.01); **F02M 61/166** (2013.01); **F02M 61/168** (2013.01); **F02M 2200/9053** (2013.01)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**FR 3121715 A1 20221014**; CN 117203421 A 20231208; EP 4323634 A1 20240221; WO 2022218871 A1 20221020

DOCDB simple family (application)

**FR 2103762 A 20210412**; CN 202280027169 A 20220408; EP 2022059509 W 20220408; EP 22721395 A 20220408