

Title (en)
MODULE WITH PRE-ORIENTATED CAMSHAFT

Title (de)
MODUL MIT VORORIENTIERTER NOCKENWELLE

Title (fr)
MODULE ÉQUIPÉ D'UN ARBRE À CAMES PRÉ-ORIENTÉ

Publication
EP 3129615 B1 20201111 (DE)

Application
EP 15713876 A 20150330

Priority
• DE 102014104995 A 20140408
• EP 2015056902 W 20150330

Abstract (en)
[origin: WO2015155050A1] Module having a receiving element (1), in particular in the form of a bearing frame or a covering hood, for arrangement on a cylinder head of an internal combustion engine, and having at least one camshaft which is rotatably mounted in the receiving element (1) and which, for the mounting of a camshaft gear (3), projects out of a face side of the receiving element (1), and wherein the module is prefabricated for direct installation on the cylinder head, wherein, for the prefabrication process, by means of an externally accessible securing part (5), the camshaft is locked, so as to be prevented from rotating, in an angular position which is correct for the exertion of load on the valves, wherein the securing part (5) extends through a first recess (7) in the camshaft gear (3) and is arranged with a form fit, for prevention of rotation, with a receptacle (9) provided in the receiving element (1), wherein, after the installation of the module on the cylinder head, the securing part (5) can be removed from the locking position.

IPC 8 full level
F01L 1/053 (2006.01)

CPC (source: CN EP KR US)
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