

Title (en)
POSITIONING SURFACES ON A GAS EXCHANGE CHANNEL RAKE CORE

Title (de)
POSITIONIERFLÄCHEN AN EINEM GASWECHSELKANALRECHENKERN

Title (fr)
SURFACES DE POSITIONNEMENT SUR UN NOYAU À MAILLAGE DE CANAUX D'ÉCHANGES GAZEUX

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Application
EP 09778569 A 20090917

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Abstract (en)
[origin: WO2010034426A1] The invention relates to a gas exchange channel rake as part of a casing mould for a cylinder head of an internal combustion engine, wherein the gas exchange channel rake is assembled with other core parts and the cope and drag to form the mould, and wherein the gas exchange channel rake comprises positioning surfaces for a first casting machining of the cylinder head. According to the invention, the positioning surfaces of a gas exchange channel rake (1) are selected and arranged such that reliable and exact positioning of a positioning device in the unmachined cylinder head removed from the core is accomplished. This is achieved in that the positioning surfaces have three vertical stops (4), two transversal stops (7) and one longitudinal stop (8) that are arranged in the shape of a tripod. Due to this arrangement, extremely exact positioning of the positioning unit is assured with a minimum number of different positioning surfaces.

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