

Title (en)

COOLANT CIRCUIT FOR AN INTERNAL COMBUSTION ENGINE

Title (de)

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Title (fr)

CIRCUIT DE LIQUIDE DE REFROIDISSEMENT POUR UN MOTEUR À COMBUSTION INTERNE

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Application

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Abstract (en)

[origin: WO2012034617A1] The invention relates to a coolant circuit (1) for an internal combustion engine (2), which has a cylinder crankcase (3) having at least two cylinder banks (3a), and associated cylinder heads (4), wherein the cylinder crankcase (3) and the cylinder heads (4) can be supplied with coolant by a coolant pump (7) by means of separate sub-circuits (5) and (6) of the coolant circuit (1) extending parallel to each other, wherein a first control valve (10) having at least two synchronously switchable first connections (9a) and a second connection (9b) is arranged in a cylinder crankcase sub-circuit (5) and wherein the first connections (9a) each have a flow connection with one of the cylinder banks (3a) in pairs.

IPC 8 full level

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