

Title (en)

AIR FEED SYSTEM FOR AN INTERNAL COMBUSTION ENGINE

Title (de)

LUFTZUFÜHRSYSTEM FÜR EINEN VERBRENNUNGSMOTOR

Title (fr)

SYSTÈME D'ALIMENTATION EN AIR POUR UN MOTEUR À COMBUSTION INTERNE

Publication

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Application

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Abstract (en)

[origin: WO2020201021A1] The invention relates to an air feed system for an internal combustion engine. The air feed system comprises a charge air receiver (1) for receiving charge air and a starting air system (10). The starting air system (10) is designed to feed starting air, in particular from a starting air feed, to the cylinder of the internal combustion engine intermittently during a starting process of the internal combustion engine. The charge air receiver (1) is connected to the starting air system (10) via a charge air shut-off valve (6) in order to feed charge air from the charge air receiver (1) to the starting air system (10) during partial-load operation of the internal combustion engine, such that the starting air system (10) feeds charge air to the cylinder intermittently during partial-load operation of the internal combustion engine. The invention further relates to an internal combustion engine and to a method for operating an internal combustion engine.

IPC 8 full level

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