

Title (en)

Removing of blow-by gas out of crankcase without auxiliary drive

Title (de)

Entfernung von Durchblasgas aus einem Kurbelgehäuse ohne Hilfsantrieb

Title (fr)

Élimination de gaz de fuite hors du carter de vilebrequin sans entraînement auxiliaire

Publication

**EP 2826965 B1 20201104 (EN)**

Application

**EP 13176549 A 20130715**

Priority

EP 13176549 A 20130715

Abstract (en)

[origin: EP2826965A1] The present disclosure refers to a blow-by gas removing device (5) for an internal combustion engine (10) having a crankcase (1). The blow-by removing device (5) may comprise an engine component (15; 16) rotatably driven about a longitudinal axis (20). A fan wheel (25) may be fixed to the engine component (15; 16) such that the fan wheel (25) rotates together with the engine component (15; 16). A housing (30) may cover at least partially the fan wheel (25). The housing (30) may be provided with an outlet (35) configured to be connected to an oil separating device (40). The fan wheel (25) and the housing (30) may be configured in a manner that blow-by gas (45) saturated with oil is being sucked off from the crankcase (1) and discharged through the outlet (35). Further, the present disclosure refers to a method for removing blow-by gas of an internal combustion engine without an auxiliary drive for a fan.

IPC 8 full level

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CPC (source: CN EP US)

**F01M 13/021** (2013.01 - US); **F01M 13/04** (2013.01 - CN EP US); **F01M 2013/026** (2013.01 - US); **F01M 2013/0422** (2013.01 - CN EP US)

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