

Title (en)
CRANKCASE VENTILATION DEVICE

Title (de)
KURBELGEHÄUSEVENTILATOR

Title (fr)
DISPOSITIF DE VENTILATION DE CARTER

Publication
EP 2698510 A1 20140219 (EN)

Application
EP 11863432 A 20110412

Priority
JP 2011059073 W 20110412

Abstract (en)
The crankcase ventilation apparatus comprises: a fresh air inlet passage (15) and a discharge passage (16) which connect an intake passage (12) and a crank chamber (7) of an internal combustion engine (1); an inlet valve (17) which opens and closes the fresh air inlet passage (15); a pump (20) which is provided in the discharge passage (16) ; and a discharge valve (18) which opens and closes the discharge passage (16). When a predetermined decompression condition for reducing the pressure in the crank chamber (7) is satisfied, the inlet valve (17) is closed, the discharge valve (18) is opened, and gas in the crank chamber (7) is discharged to the intake passage (12) by the pump (20).

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CPC (source: EP)
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Cited by
DE102016206287A1; DE102016206285A1; US10391964B2; US10544718B2; US10551272B2; US10473006B2

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