

Title (en)
Inlet collector

Title (de)
Ansaugverteiler für eine Brennkraftmaschine

Title (fr)
Collecteur d'admission

Publication
EP 0489238 B2 19980408 (DE)

Application
EP 91116688 A 19910930

Priority
DE 4038509 A 19901203

Abstract (en)
[origin: EP0489238A2] The invention proposes an inlet collector for an internal combustion engine. This inlet collector 10 contains a connection flange 19 into which a plurality of intake pipes 11 - 18 open. Situated between the intake pipes are bores which are provided with connection elements 20 - 24 and through which blow-by gases coming from the crankcase are fed in. The bores are each connected via slots to the two adjacent intake pipes, with the result that the blow-by gases are passed into the intake tract in the immediate vicinity of the entry of the intake air into the cylinder head. <??>The advantages of the invention are a simple structure for feeding the blow-by gases into the intake tract and the guaranteeing of uniform charging of the individual intake pipes with blow-by gases, which, because of the small quantity of oil contained in them, lubricate the intake valves. <IMAGE>

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F01M 13/00; **F02M 25/06**

IPC 8 full level
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Cited by
EP1252430A4; DE10045636A1; DE10045636B4; DE19546545A1; DE19546545B4; WO2012028639A1; EP1152131A1; US6966310B2; EP3393324B1

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