

Title (en)
Inlet collector.

Title (de)
Ansaugverteiler für eine Brennkraftmaschine.

Title (fr)
Collecteur d'admission.

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EP 0489238 A2 19920610 (DE)

Application
EP 91116688 A 19910930

Priority
DE 4038509 A 19901203

Abstract (en)
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>

Abstract (de)
Es wird ein Ansaugverteiler für eine Brennkraftmaschine vorgeschlagen. Dieser Ansaugverteiler (10) enthält einen Anschlußflansch (19), in den mehrere Ansaugrohre (11 - 18) münden. Zwischen den Ansaugrohren befinden sich mit Anschlußelementen (20 - 24) versehene Bohrungen, durch welche vom Kurbelgehäuse kommende Durchblasgase zugeführt werden. Über Schlitze sind die Bohrungen jeweils mit den beiden benachbarten Ansaugrohren verbunden, so daß die Durchblasgase in unmittelbarer Nähe des Eintritts der Ansaugluft in den Zylinderkopf in den Ansaugtrakt geleitet werden. <IMAGE>

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