

Title (en)  
CRANK CASE AIR EXTRACTOR FOR AN INTERNAL-COMBUSTION ENGINE

Publication  
**EP 0348743 B1 19920805 (DE)**

Application  
**EP 89110843 A 19890615**

Priority  
DE 3821528 A 19880625

Abstract (en)  
[origin: EP0348743A2] A crank case air extraction system with a primary and a secondary extraction facility which open via a common connection piece into the cylinder head cover of an internal-combustion engine is presented. The coupling pipe section connecting the air extraction pipe to the intake duct of the internal-combustion engine is of multi-part design and here forms a labyrinth for condensate precipitation. Overall, the crank case air extraction system presented is distinguished by very simple methods of production and assembly and low weight while at the same time being highly functional.

IPC 1-7  
**F01M 13/00**

IPC 8 full level  
**F01M 13/00** (2006.01); **F01M 13/02** (2006.01); **F01M 13/04** (2006.01); **F02F 7/00** (2006.01)

CPC (source: EP)  
**F01M 13/025** (2013.01); **F01M 13/0405** (2013.01); **F02F 7/006** (2013.01)

Cited by  
FR2736392A1; EP0777040A1

Designated contracting state (EPC)  
DE FR GB IT SE

DOCDB simple family (publication)  
**DE 3821528 C1 19890907**; DE 58901975 D1 19920910; EP 0348743 A2 19900103; EP 0348743 A3 19900314; EP 0348743 B1 19920805

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