

Title (en)

AN INTAKE SYSTEM FOR A MULTI-CYLINDER ENGINE

Publication

**EP 0092595 B1 19871104 (EN)**

Application

**EP 82103523 A 19820426**

Priority

EP 82103523 A 19820426

Abstract (en)

[origin: EP0092595A1] An intake manifold with its trunk portion (9a) connected to a carburetor (10) and with its branch portions (9b) connected to the cylinder heads (5) of the multi-cylinder engine. In order to achieve increased output power of the engine at all levels of operation at minimized reduction of acceleration responsiveness in a low output range as well as low cost production of lightweight and simple construction, each branch portion (9b) of the intake manifold (9) is partitioned into a first (8a) and a second (8b) intake passage by a partition (9c) and control valves (12) adapted to be opened during light output operation of the engine only, are arranged in the second intake passages (8b) of all branch portions.

IPC 1-7

**F02M 35/10**

IPC 8 full level

**F02M 35/108** (2006.01); **F02M 35/10** (2006.01)

CPC (source: EP US)

**F02M 35/10085** (2013.01 - EP US); **F02M 35/10183** (2013.01 - EP); **F02M 35/10255** (2013.01 - EP); **F02M 35/10268** (2013.01 - EP); **F02M 35/108** (2013.01 - EP US); **F02M 35/112** (2013.01 - EP US)

Designated contracting state (EPC)

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