

Title (en)
Intake manifold

Title (de)
Einlasskrümmer

Title (fr)
Collecteur d'admission

Publication
EP 0992674 A2 20000412 (DE)

Application
EP 99810858 A 19990924

Priority
CH 203598 A 19981008

Abstract (en)
The intake manifold is constructed from two or more shell-shaped parts (10,11), which are inseparably connected to each other. The parts are of metal and are formed sheet metal, cast, and/or extruded parts. The parts are connected by a welded and/or adhesive seam, point welding, rivet or folded seam adhesive seam. Welding is friction or Laser welding, and the adhesive is chemically binding adhesive. The shells are of aluminum or its alloys, or magnesium or its alloys, and are tailored blanks or components formed by internal high pressure forming. They may carry logos or patterns.

Abstract (de)
Einlasskrümmer, wie Ansaugkrümmer, Sammelbehälter, Saugrohre, Schwingungsrohre, Schaltansaugsysteme usw., für Verbrennungsmotoren nach dem Otto- oder Dieselpinzip, wobei der Einlasskrümmer aus zwei oder mehreren miteinander trennfest verbundenen schalenförmigen Teilen aufgebaut ist und die schalenförmigen Teile Blechformteile, Gussformteile und/oder Strangpressprofile aus Metall sind. Das trennfeste Verbinden der schalenförmigen Teile kann z.B. durch Kleben und/oder Schweißen erfolgen. <IMAGE>

IPC 1-7
F02M 35/104

IPC 8 full level
F02M 35/10 (2006.01); **F02M 35/104** (2006.01)

CPC (source: EP US)
F02M 35/10321 (2013.01 - EP US); **F02M 35/10327** (2013.01 - EP US); **F02M 35/10347** (2013.01 - EP US); **F02M 35/1036** (2013.01 - EP US); **F02M 35/104** (2013.01 - EP US)

Cited by
CN100334343C; EP1158159A1; FR2809456A1; JP2002022084A; US6530352B2; US6543404B2; WO02081899A1

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