

Title (en)  
Intake manifold

Title (de)  
Einlasskrummer

Title (fr)  
Collecteur d'admission

Publication  
**EP 1013918 A2 20000628 (EN)**

Application  
**EP 99310372 A 19991221**

Priority  
JP 37688498 A 19981225

Abstract (en)  
An intake manifold has a plurality of branch tubes each joined by brazing in a furnace at one end to a flange on the engine side and at the other end to a surge tank on the throttle chamber side. The surge tank is separated into two pieces or a brazing side member and a non-heating side member. Branch tubes are fixed in position relative to the brazing side member by peen locking with a peening tool or the like and are then joined to the brazing side member by brazing in the furnace. The non-heating side member is not subjected to the brazing in the furnace but is joined to the brazing side member by bolts or the like. <IMAGE>

IPC 1-7  
**F02M 35/104**

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

CPC (source: EP KR)  
**F02M 35/10078** (2013.01 - EP); **F02M 35/10144** (2013.01 - EP); **F02M 35/10327** (2013.01 - EP); **F02M 35/1036** (2013.01 - EP);  
**F02M 35/104** (2013.01 - KR); **F02M 35/112** (2013.01 - EP); **F05C 2225/08** (2013.01 - EP)

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