

Title (en)  
Exhaust system for motorcycle multiple cylinder engines

Title (de)  
Motorradauspuffanlage für einen Mehrzylindermotor

Title (fr)  
Système d'échappement pour motocyclette ayant un moteur à plusieurs cylindres

Publication  
**EP 1748164 B1 20071219 (EN)**

Application  
**EP 06009760 A 20060511**

Priority  
JP 2005219326 A 20050728

Abstract (en)  
[origin: EP1748164A1] In an exhaust system for motorcycle multiple cylinder engines in which the downstream end of a choke pipe 41 connected to the downstream end of at least one of a plurality of exhaust pipes 22, 23 is inserted into at least one of a plurality of individual pipe portions 24a, 24b of a confluence exhaust pipe 24, the dimensional accuracy of the choke pipe 41 can be improved regardless of the exhaust pipes 22, 23 and the design of the choke pipe 41 alone can be changed, thereby making it possible to enhance the degree of design freedom. The choke pipe 41 which is separate from the exhaust pipes 22 and 23 is fixed to the downstream end of at least one exhaust pipe 22.

IPC 8 full level  
**F01N 13/08** (2010.01); **F01N 13/10** (2010.01); **F01N 13/14** (2010.01); **F01N 13/18** (2010.01)

CPC (source: EP)  
**F01N 1/24** (2013.01); **F01N 13/009** (2014.06); **F01N 13/08** (2013.01); **F01N 2230/04** (2013.01); **F01N 2340/04** (2013.01); **F01N 2470/02** (2013.01); **F01N 2470/24** (2013.01); **F01N 2590/04** (2013.01)

Cited by  
CN105637190A; EP1795719A1; US10267205B2; EP1795719B1

Designated contracting state (EPC)  
**DE ES IT**

DOCDB simple family (publication)  
**EP 1748164 A1 20070131; EP 1748164 B1 20071219**; DE 602006000343 D1 20080131; DE 602006000343 T2 20081204;  
ES 2299117 T3 20080516; JP 2007032480 A 20070208; JP 4512006 B2 20100728

DOCDB simple family (application)  
**EP 06009760 A 20060511**; DE 602006000343 T 20060511; ES 06009760 T 20060511; JP 2005219326 A 20050728