

Title (en)
Exhaust system

Title (de)
Abgasanlage

Title (fr)
Système d'échappement

Publication
EP 0648921 B1 19970305 (DE)

Application
EP 94116035 A 19941012

Priority
DE 4335357 A 19931016

Abstract (en)
[origin: EP0648921A1] The invention relates to an exhaust system for a W-12 reciprocating piston internal combustion engine (20) with three cylinder banks (22, 24, 26) each of four cylinders (1 to 12), the exhaust ports of which are connected to exhaust pipes, two separate exhaust lines (28, 30), to which two cylinders per cylinder bank (22, 24, 26) are connected, being provided in order to obtain a functional structurally favourable system. <IMAGE>

IPC 1-7
F01N 7/10; F01N 7/08; F01N 7/04; F02B 75/22

IPC 8 full level
F01N 13/04 (2010.01); **F01N 13/08** (2010.01); **F01N 13/10** (2010.01); **F02B 67/00** (2006.01); **F02B 75/22** (2006.01); **F01N 13/14** (2010.01); **F02B 75/18** (2006.01)

CPC (source: EP US)
F01N 13/04 (2013.01 - EP US); **F01N 13/08** (2013.01 - EP US); **F01N 13/10** (2013.01 - EP US); **F02B 75/22** (2013.01 - EP US); **F02B 75/224** (2013.01 - EP US); **F01N 13/14** (2013.01 - EP US); **F02B 2075/1848** (2013.01 - EP US)

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0648921 A1 19950419; **EP 0648921 B1 19970305**; DE 4335357 A1 19950420; DE 59401920 D1 19970410; JP H07158437 A 19950620; US 5502964 A 19960402

DOCDB simple family (application)
EP 94116035 A 19941012; DE 4335357 A 19931016; DE 59401920 T 19941012; JP 24896794 A 19941014; US 32304994 A 19941014