

Title (en)
DRIVE SYSTEM, IN PARTICULAR FOR A SMALL VEHICLE

Publication
EP 0303643 B1 19920715 (DE)

Application
EP 88901565 A 19880219

Priority
DE 3705379 A 19870220

Abstract (en)
[origin: WO8806229A1] Drive systems equipped with a combustion engine, as used in small vehicles and in tools, emit unpleasantly high levels of noxious substances and noise. According to the invention, noise emission is reduced by an expansion chamber in the exhaust system, which is connected to the combustion chamber via the valves during the expulsion of the exhaust gases and to the atmosphere for at least part of the remaining time. In addition, a small vehicle is described which is fitted with such a drive system which can be taken everywhere with it. For this purpose, the small vehicle is collapsible, its frame comprising a front section and a rear section, which can be folded together through a hinge in a swivelling axis parallel to the small wheels. The swivelling lever can likewise be pivoted and aligned with a swivelling axis parallel to the small wheels on the front section of the frame.

IPC 1-7
B60B 5/00; B62B 3/02; F01N 7/00; F02B 63/02

IPC 8 full level
B60B 5/00 (2006.01); **B62B 3/02** (2006.01); **F01N 7/00** (2006.01); **F01N 13/00** (2010.01); **F02B 63/02** (2006.01); **F01N 7/18** (2006.01); **F01N 13/18** (2010.01); **F02B 75/02** (2006.01)

CPC (source: EP)
F01N 13/001 (2013.01); **F02B 63/02** (2013.01); **F01N 13/1861** (2013.01); **F01N 2590/00** (2013.01); **F01N 2590/06** (2013.01); **F02B 2075/027** (2013.01)

Designated contracting state (EPC)
CH DE FR GB IT LI

DOCDB simple family (publication)
WO 8806229 A1 19880825; DE 3872792 D1 19920820; EP 0303643 A1 19890222; EP 0303643 B1 19920715

DOCDB simple family (application)
DE 8800087 W 19880219; DE 3872792 T 19880219; EP 88901565 A 19880219