

Title (en)  
Exhaust gas purifying device.

Title (de)  
Abgasreinigungsvorrichtung.

Title (fr)  
Dispositif d'épuration de gaz d'échappement.

Publication  
**EP 0473081 A1 19920304 (EN)**

Application  
**EP 91114196 A 19910823**

Priority  
JP 22250190 A 19900827

Abstract (en)  
An exhaust gas purifying device of a motorcycle, for example, in which an exhaust gas from an exhaust port of an engine is purified by a member provided with a catalyst disposed in a cylindrical muffler provided with an exhaust pipe section connected to the engine exhaust gas port, is provided with a catalyst plate means (16) to which a catalyst is applied. The catalyst plate means (16) is disposed so as to extend throughout a longitudinal direction of the exhaust pipe section (11) at substantially a diametrically central portion in cross section of the exhaust pipe section (11). The catalyst plate means (16) including at least one plate member of a sandwich structure comprises a central plate (16) and catalyst layers disposed on both side surfaces of the central plate (16), and coating layers may be further disposed between the central plate and the catalyst layers. The catalyst plate means can be composed of one catalyst plate member and can be disposed at a diametrical portion of the exhaust pipe section or at a diametrically central portion of the exhaust pipe section within a range of  $1/3d$  to  $2/3d$ , wherein a symbol  $d$  designates an inner diameter of the exhaust pipe section, offset from an inner surface thereof. <IMAGE>

IPC 1-7  
**F01N 1/08**; **F01N 3/28**; **F01N 7/08**

IPC 8 full level  
**F01N 3/24** (2006.01); **F01N 3/28** (2006.01)

CPC (source: EP KR)  
**F01N 3/24** (2013.01 - KR); **F01N 3/28** (2013.01 - KR); **F01N 3/2807** (2013.01 - EP); **F01N 2510/06** (2013.01 - EP)

Citation (search report)

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