Title (en)
  EXHAUST SYSTEM WITH TWO EXHAUST TREATMENT UNITS

Title (de)
  ABGASANLAGE MIT ZWEI ABGASBEHANDLUNGSEINHEITEN

Title (fr)
  SYSTEME D'ECHAPPEMENT COMPORTANT DEUX UNITES DE TRAITEMENT DES GAZ D'ECHAPPEMENT

Publication
  EP 1882090 B1 20111005 (DE)

Application
  EP 06723523 A 20060317

Priority
  • EP 2006002488 W 20060317
  • DE 102005014265 A 20050324

Abstract (en)
  [origin: WO2006100003A1] The inventive exhaust system (1) of an internal combustion engine (2) comprises a first exhaust treatment unit (3) with
  a first back pressure and comprises a second exhaust treatment unit (4) with a second back pressure, the first back pressure being less than the
  second back pressure. The inventive exhaust system (1) advantageously enables the formation of systems having two exhaust treatment units (3,
  4) that are arranged one behind the other in the direction of flow. The first (3) and/or the second exhaust treatment unit (4) can be provided with a
  smaller design due to the homogenization of flow. This applies, for example, when an oxidation-type catalytic converter is provided as a first exhaust
  treatment unit (3) and when a particulate filter is provided as a second exhaust treatment unit (4). The homogenization of flow in first exhaust
  treatment unit (3) increases the conversion rate so that the first (3) and/or second exhaust treatment unit (4) can be provided with a smaller design.
  This saves considerable costs when designed systems of this type.

IPC 8 full level
  F01N 3/28 (2006.01)

CPC (source: EP US)
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  F01N 2260/06 (2013.01 - EP US); F01N 2330/44 (2013.01 - EP US); F01N 2330/48 (2013.01 - EP US)

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  WO 2006100003 A1 20060928; DE 102005014265 A1 20061012; EP 1882090 A1 20080130; EP 1882090 B1 20111005;
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