## (11) **EP 2 557 285 A8**

## (12) CORRECTED EUROPEAN PATENT APPLICATION

published in accordance with Art. 153(4) EPC

(15) Correction information:

Corrected version no 2 (W2 A1) Corrections, see

Bibliography INID code(s) 71

(48) Corrigendum issued on: **28.08.2013 Bulletin 2013/35** 

(43) Date of publication: 13.02.2013 Bulletin 2013/07

(21) Application number: 10849448.5

(22) Date of filing: 08.04.2010

(51) Int Cl.: F01N 3/08<sup>(2006.01)</sup> F01N 3/10<sup>(2006.01)</sup>

(86) International application number: PCT/JP2010/056388

(87) International publication number: WO 2011/125205 (13.10.2011 Gazette 2011/41)

(84) Designated Contracting States:

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

(71) Applicant: TOYOTA JIDOSHA KABUSHIKI KAISHA
Toyota-shi, Aichi-ken, 471-8571 (JP)

- (72) Inventors:
  - BISAIJI, Yuki Toyota-shi, Aichi-ken, 471-8571 (JP)

- YOSHIDA, Kohei
   Toyota-shi, Aichi-ken, 471-8571 (JP)
- INOUE, Mikio Toyota-shi, Aichi-ken, 471-8571 (JP)
- (74) Representative: Kuhnen & Wacker Patent- und Rechtsanwaltsbüro Prinz-Ludwig-Strasse 40A 85354 Freising (DE)

## (54) EXHAUST PURIFICATION DEVICE FOR INTERNAL COMBUSTION ENGINE

(57)An exhaust gas purification apparatus for an internal combustion engine comprises a NOx selective reduction catalyst which is provided in an exhaust passage of an internal combustion engine; an upstream side oxidation catalyst which is a catalyst having an oxidizing ability provided in the exhaust passage upstream from the NOx selective reduction catalyst and which includes a carrier for carrying a noble metal for oxidation, the carrier being formed of a basic carrier; and a reducing agent supply unit which supplies a reducing agent to an exhaust gas allowed to flow into the NOx selective reduction catalyst. Accordingly, even when the oxidation catalyst causes the SOx poisoning in the exhaust gas purification apparatus for the internal combustion engine having the oxidation catalyst and the NOx selective reduction catalyst provided in the exhaust passage, the reduction efficiency of NOx reduced by the aid of the NOx selective reduction catalyst is favorably maintained.

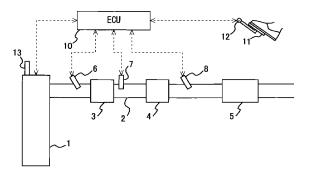


FIG. 1

EP 2 557 285 A8