



(11) **EP 1 750 056 A8**

(12) **CORRECTED EUROPEAN PATENT APPLICATION**

Note: Bibliography reflects the latest situation

(15) Correction information:

Corrected version no 1 (W1 A2)
INID code(s) 22

(51) Int Cl.:

F23D 11/10 (2006.01) **F23D 11/38** (2006.01)
F23R 3/34 (2006.01)

(48) Corrigendum issued on:

18.04.2007 Bulletin 2007/16

(43) Date of publication:

07.02.2007 Bulletin 2007/06

(21) Application number: **06253542.2**

(22) Date of filing: **06.07.2006**

(84) Designated Contracting States:

**AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI
SK TR**

Designated Extension States:

AL BA HR MK YU

(30) Priority: **05.08.2005 GB 0516208**

(71) Applicant: **Rolls-Royce plc**

**London
SW1E 6AT (GB)**

(72) Inventor: **Spooner, Michael Paul**

Littleover, Derby DE23 6BN (GB)

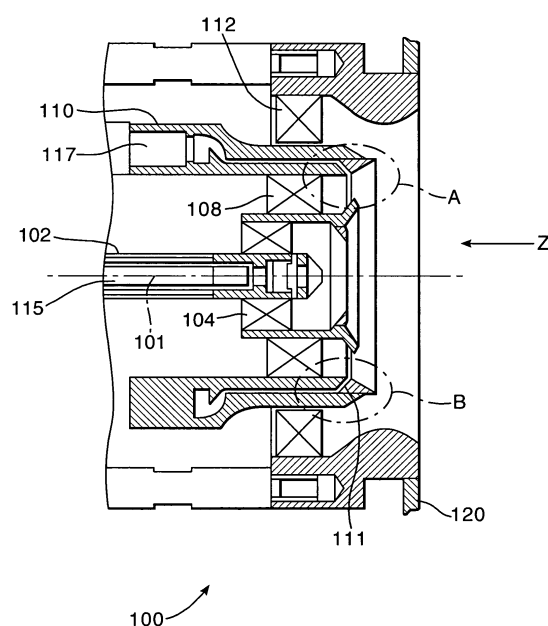
(74) Representative: **Gunn, Michael Alan**

**Rolls-Royce plc
P.O. Box 31
Derby DE24 8BJ (GB)**

(54) **Fuel injector**

(57) A fuel injector for a gas turbine engine has a swirl slot that supplies fuel to a prefilmer. The swirl slot has an upstream lip and a downstream lip that are arranged eccentrically. The slot is thus provided with an area of high static pressure and an area of low static pressure caused by the flowing over the eccentrically arranged lips.

Fig. 1.



EP 1 750 056 A8