



(12) **CORRECTED EUROPEAN PATENT APPLICATION**

(15) Correction information:
Corrected version no 1 (W1 A1)
Corrections, see
Bibliography INID code(s) 72

(51) Int Cl.:
F16J 15/32 ^(2006.01)

(48) Corrigendum issued on:
13.01.2016 Bulletin 2016/02

(43) Date of publication:
02.12.2015 Bulletin 2015/49

(21) Application number: **14169871.2**

(22) Date of filing: **26.05.2014**

(84) Designated Contracting States:
AL 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 RS SE SI SK SM TR
Designated Extension States:
BA ME

- **Vignolo, Francesco**
10060 Bibiana (TO) (IT)
- **Angiulli, Pasquale**
10064 Riva di Pinerolo (TO) (IT)
- **Turaglio, Antonio**
10062 Luserna San Giovanni (TO) (IT)

(71) Applicant: **Carl Freudenberg KG**
69469 Weinheim (DE)

(74) Representative: **Reiser & Partner**
Patentanwälte
Weinheimer Straße 102
69469 Weinheim (DE)

(72) Inventors:
• **Miletto, Stefano**
10061 Cavour (TO) (IT)
• **Breusa, Luca**
10063 Pomaretto (TO) (IT)

Remarks:
Amended claims in accordance with Rule 137(2) EPC.

(54) **Cassette seal**

(57) Cassette seal (1), comprising an internal ring (2) comprising a cylindrical portion (3) for resting against a rotating machine element (4), a cover portion (5) that radially projects from the cylindrical portion (3), and a covering portion (6) that axially projects from the cover portion (5), wherein the covering portion (6) is radially spaced apart from the cylindrical portion (3), and an external ring (7) with an axial flange (8) for resting against a housing (9) to be sealed off, and a radial flange (10), which projects in the direction of the internal ring (2), with a sealing body (11) made from an elastomeric material being associated with said axial flange (8), wherein from the sealing body (11) sealing lips are formed, wherein a first sealing lip (12) with radial preload sealingly rests against the outer circumference of the cylindrical portion (3), wherein a second sealing lip (13) axially projects from the radial flange (10) and extends in the direction of the side of the covering portion (6), which side faces the cylindrical portion (3), wherein a third sealing lip (14) axially projects beyond the radial flange (10) and on the outer

circumference at least partly projects beyond the covering portion (6).

