

Title (en)

SIGNAL-TRANSMISSION DEVICE, IN PARTICULAR A DEVICE FOR TRANSMITTING SIGNALS TO AN ULTRASONICALLY CONTROLLED DEVICE FOR TIGHTENING SCREW JOINTS

Title (de)

EINRICHTUNG ZUR SIGNALÜBERTRAGUNG, INSBESONDERE FÜR EINE SCHRAUBVORRICHTUNG ZUM ULTRASCHALLGESTEUERTEN ANZIEHEN VON SCHRAUBVERBINDUNGEN

Title (fr)

EMETTEUR DE SIGNAUX, NOTAMMENT A DESTINATION D'UNE UNITE COMMANDE PAR ULTRASONS POUR LE RESERRAGE DE RACCORDS A VIS

Publication

EP 0758288 B1 19981028 (DE)

Application

EP 96901715 A 19960209

Priority

- DE 9600202 W 19960209
- DE 19507389 A 19950303

Abstract (en)

[origin: DE19507389A1] Proposed is a device for the transmission of signals between components (22, 19) fitted so that they can move relative to each other. Part of a first conductor (14) is housed in a first component (22) while part of a second conductor (15) is located in a second component (19) which is mounted on a bearing (21) so that it can rotate with respect to the first component (22). The bearing (21) is electrically insulated from the components (19, 22) by an insulating element (42) and an insulating sleeve (39). The first conductor (14) and the second conductor (15) are connected electrically to each other through the bearing (21), thus establishing permanent contact between the first conductor (14) and the second conductor (15).

IPC 1-7

B25B 23/14

IPC 8 full level

B25B 23/14 (2006.01); **B25B 23/142** (2006.01)

CPC (source: EP US)

B25B 23/14 (2013.01 - EP US); **B25B 23/1425** (2013.01 - EP US)

Designated contracting state (EPC)

DE FR GB SE

DOCDB simple family (publication)

DE 19507389 A1 19960905; BR 9605924 A 19971118; DE 59600731 D1 19981203; EP 0758288 A1 19970219; EP 0758288 B1 19981028; JP H09512492 A 19971216; US 5874681 A 19990223; WO 9627481 A1 19960912

DOCDB simple family (application)

DE 19507389 A 19950303; BR 9605924 A 19960209; DE 59600731 T 19960209; DE 9600202 W 19960209; EP 96901715 A 19960209; JP 52651496 A 19960209; US 70051497 A 19970121