

Title (en)
CONNECTING LEAD FOR A PROBE

Title (de)
ANSCHLUSSLEITUNG FÜR EINEN MESSFÜHLER

Title (fr)
LIGNE DE RACCORDEMENT D'UN CAPTEUR

Publication
EP 1568049 A2 20050831 (DE)

Application
EP 03767449 A 20031125

Priority
• DE 0303903 W 20031125
• DE 10254849 A 20021125

Abstract (en)
[origin: WO2004048963A2] The invention relates to a connecting lead for a probe, particularly for a probe used for determining a physical property of a gas to be measured such as the temperature or oxygen content in the exhaust gas of combustion engines. Said connecting lead comprises a jacket tube (13), at least two electrical conductors (14), which run inside said jacket tube (13), and comprises insulating means that insulate the electrical conductors (14) from one another and from the jacket tube (13). In order to use unsheathed bare metal wires as electrical conductors (14), to prevent shorts between the conductor (14) and the jacket tube (13), and to ensure the flexibility of the jacket tube (13) during assembly, the insulating means comprise a multitude of insulating bodies (15), which are centrally supported against one another and which are provided with at least two through holes (23) for passing the electrical conductors (14) therethrough. The central supports (17) are provided with a ball joint-type design whereby enabling the insulating bodies (15) to tilt relative to one another around the supports (17).

IPC 1-7
H01B 7/02

IPC 8 full level
H01B 7/02 (2006.01)

CPC (source: EP US)
H01B 7/02 (2013.01 - EP US)

Citation (search report)
See references of WO 2004048963A2

Designated contracting state (EPC)
DE ES FR IT

DOCDB simple family (publication)
WO 2004048963 A2 20040610; WO 2004048963 A3 20040805; CN 1717753 A 20060104; DE 10254849 B3 20040805; EP 1568049 A2 20050831; JP 2006506651 A 20060223; US 2006141835 A1 20060629

DOCDB simple family (application)
DE 0303903 W 20031125; CN 200380104105 A 20031125; DE 10254849 A 20021125; EP 03767449 A 20031125; JP 2004554228 A 20031125; US 53637106 A 20060227