

Title (en)  
YARN-CLEANER MEASURING HEAD WITH RELEASABLE CABLE CONNECTION

Title (de)  
GARNREINIGERMESSKOPF MIT LÖSBAREM KABELANSCHLUSS

Title (fr)  
TÊTE DE MESURE DE NETTOYEUR DE FIL AVEC BORNE DE CÂBLAGE AMOVIBLE

Publication  
**EP 2279146 B1 20130717 (DE)**

Application  
**EP 09753401 A 20090520**

Priority  
• CH 2009000167 W 20090520  
• CH 8232008 A 20080529

Abstract (en)  
[origin: WO2009143642A1] The yarn-cleaner measuring head (1) comprises a measuring-head housing (11) and an electronic circuit (21) accommodated in the measuring-head housing (11). The electronic circuit (21) can be connected to an electric connection cable (4) via a connection (3) on the measuring head. The connection (3) on the measuring head here is designed for making a releasable connection between the yarn-cleaner measuring head (1) and the connection cable (4), and the connection (3) on the measuring head contains first connecting means (32, 33) which are configured for making a releasable mechanical latch-in connection to second connecting means (63) contained in the connection cable (4). This makes the removal, the installation or the exchange of the yarn-cleaner measuring head significantly easier and less hazardous.

IPC 8 full level  
**B65H 63/06** (2006.01); **D01H 13/22** (2006.01); **H01R 13/58** (2006.01); **H01R 13/627** (2006.01)

CPC (source: EP)  
**B65H 63/062** (2013.01); **D01H 13/22** (2013.01); **H01R 13/639** (2013.01); **B65H 2701/31** (2013.01); **H01R 13/58** (2013.01); **H01R 13/6272** (2013.01)

Citation (examination)  
• EP 1345293 A2 20030917 - PROVERTHA CONNECTORS CABLES & [DE]  
• DE 3927274 A1 19910228 - MESSERSCHMITT BOELKOW BLOHM [DE]

Designated contracting state (EPC)  
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 TR

DOCDB simple family (publication)  
**WO 2009143642 A1 20091203**; CN 202107383 U 20120111; EP 2279146 A1 20110202; EP 2279146 B1 20130717; EP 2279146 B2 20160831; JP 2011521271 A 20110721

DOCDB simple family (application)  
**CH 2009000167 W 20090520**; CN 200990100271 U 20090520; EP 09753401 A 20090520; JP 2011512801 A 20090520