Title (en)

Device for conveying a rod, measuring assembly with same and rod production machine with rod conveying device and/or measuring assembly

Title (de)

Strangführungsvorrichtung, Messanordnung mit einer solchen Strangführungsvorrichtung sowie Strangherstellungsmaschine mit Strangführungsvorrichtung und/oder Messanordnung

Title (fr)

Dispositif de guidage de tige, agencement de mesure avec ce dispositif de guidage de tige et machine de fabrication de tiges avec dispositif de guidage de tige et/ou agencement de mesure

Publication

EP 2508086 B2 20191009 (DE)

Application

EP 12163392 A 20120405

Priority

DE 102011016851 A 20110406

Abstract (en)

[origin: EP2508086A1] The device (10) has a housing (11) provided with a strand passage channel (13), and a format guide (14) provided for a strand (15) and arranged within the strand passage channel. The format guide is designed as a radially adjustable multi-point bearing, and the strand passage channel extends into the housing. The format guide has guide bodies and an adjustable mechanism resting against the strand for radial adjustment of the guide bodies. The adjustable mechanism is designed as a mechanically and/or electrically driven rotary chuck. The guide bodies are designed as a pin, bolt, roller, blade, ball, angle ring and a clamp. An independent claim is also included for a measuring arrangement.

IPC 8 full level

A24C 5/14 (2006.01); **A24C 5/34** (2006.01)

CPC (source: EP)

A24C 5/14 (2013.01); **A24C 5/34** (2013.01)

Citation (opposition)

Opponent :

- US 4688583 A 19870825 - NERI ARMANDO [IT]
- EP 1310177 A1 20030514 - JAPAN TOBACCO INC [JP]
- US 4075936 A 19780228 - BERGER RICHARD M
- US 4926887 A 19900522 - MYOHL JOCHIM [DE], et al
- EP 0057992 A1 19820818 - PHILIP MORRIS INC [US]
- US 4104522 A 19780801 - REES PETER WILLIAM

Cited by

EP2756768B1; EP2756768B2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 2508086 A1 20121010; **EP 2508086 B1 20160120**; **EP 2508086 B2 20191009**; CN 102726831 A 20121017; CN 102726831 B 20160921; DE 102011016851 A1 20121011; PL 2508086 T3 20160630; PL 2508086 T5 20200228

DOCDB simple family (application)

EP 12163392 A 20120405; CN 201210096993 A 20120405; DE 102011016851 A 20110406; PL 12163392 T 20120405