

Title (en)

Determination of the coil core centre of a coil handling device

Title (de)

Bestimmung einer Bobinenkernmitte bei einer Bobinenhandhabungsvorrichtung

Title (fr)

Détermination du centre d'un noyau de bobine dans un dispositif de manipulation de bobines

Publication

**EP 1900665 B1 20100512 (DE)**

Application

**EP 07017719 A 20070911**

Priority

DE 102006043810 A 20060913

Abstract (en)

[origin: EP1900665A1] The device has a gripper (1) with components (3-5) for gripping a bobbin, and a sensor device (2) attached to the gripper and comprising sensors for range finding (11-14, 21-24). An evaluating and control device (9) receives and processes signals from the sensor device. A positioning device (10) controls the evaluation and control device. The positioning device processes the handle, and sensors are spatially separated from each other in sensor group modules (2A, 2B). The modules are arranged around the components for gripping the bobbin. An independent claim is also included for a method for operating a bobbin handling device of a tobacco processing industry.

IPC 8 full level

**B65H 19/12** (2006.01); **B65H 67/06** (2006.01)

CPC (source: EP)

**B65H 19/123** (2013.01); **B65H 67/065** (2013.01)

Cited by

WO2019042913A1; GB2616341A; WO2019102414A1; US11364628B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1900665 A1 20080319**; **EP 1900665 B1 20100512**; AT E467595 T1 20100515; CN 101143659 A 20080319; CN 101143659 B 20140129; DE 102006043810 A1 20080327; DE 502007003709 D1 20100624; JP 2008067702 A 20080327; PL 1900665 T3 20101029

DOCDB simple family (application)

**EP 07017719 A 20070911**; AT 07017719 T 20070911; CN 200710154732 A 20070913; DE 102006043810 A 20060913; DE 502007003709 T 20070911; JP 2007236059 A 20070912; PL 07017719 T 20070911