

Title (en)

ASSEMBLY DEVICE WITH AN ASSEMBLY CONTROL SYSTEM

Title (de)

MONTAGEVORRICHTUNG MIT EINEM MONTAGEKONTROLLSYSTEM

Title (fr)

DISPOSITIF D ' ASSEMBLAGE AVEC SYSTEME DE CONTROLE DE L ' ASSEMBLAGE

Publication

EP 1991795 A1 20081119 (FR)

Application

EP 07711385 A 20070125

Priority

- EP 2007000622 W 20070125
- FR 0601786 A 20060228

Abstract (en)

[origin: FR2897935A1] The device has a control system (CR) comprising an acceleration sensor (26) measuring a physical control parameter during assembly of a tube on a support, and a radiofrequency identification tag (14) communicating with the sensor. The control system determines a characteristic curve representative of the evolution of the parameter during assembling of the tube. The identification tag transmits a control signal (SC) representative of the characteristic curve to an exterior control unit (31) for comparison with a predetermined specific curve.

IPC 8 full level

F16B 31/02 (2006.01); **G01D 3/00** (2006.01); **G01D 5/48** (2006.01)

CPC (source: EP US)

G01D 3/00 (2013.01 - EP US); **G01D 21/00** (2013.01 - EP US); **F16B 5/0685** (2013.01 - EP US)

Citation (search report)

See references of WO 2007098833A1

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 NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

FR 2897935 A1 20070831; **FR 2897935 B1 20080418**; CN 101360923 A 20090204; EP 1991795 A1 20081119; JP 2009528172 A 20090806; US 2009040024 A1 20090212; WO 2007098833 A1 20070907

DOCDB simple family (application)

FR 0601786 A 20060228; CN 200780001648 A 20070125; EP 07711385 A 20070125; EP 2007000622 W 20070125; JP 2008556675 A 20070125; US 16273007 A 20070125