

Title (en)

Cutting device for shearing fibre strands

Title (de)

Schneidvorrichtung zum Scherschneiden von Fasersträngen

Title (fr)

Dispositif de coupe destiné à la coupe d'écheveaux à fibres

Publication

EP 2360299 B1 20130123 (DE)

Application

EP 11153506 A 20110207

Priority

DE 102010002271 A 20100224

Abstract (en)

[origin: EP2360299A1] The device (1) has counter cutting units (10, 11) with counter blades (55, 56) having counter cutting edges that are movable independent of each other by electromotor-driven adjusting devices (12, 13). A measuring sensor (27) detects forces acting on the counter cutting edges as measuring signals (M1, M2). Fiber supply units (29, 30) supply fiber strands (2) between two cutting edges and the counter cutting edges. A controller (40) is formed such that each of the counter cutting edges is moved relative to a cutting plane (E) using the adjusting device depending on the associated signals.

IPC 8 full level

D01G 1/04 (2006.01); **D01G 1/10** (2006.01)

CPC (source: EP US)

D01G 1/04 (2013.01 - EP US); **D01G 1/10** (2013.01 - EP US); **Y10T 83/148** (2015.04 - EP US); **Y10T 83/7847** (2015.04 - EP US)

Cited by

CN109385881A; CN116240648A; CN104153044A

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 2360299 A1 20110824; **EP 2360299 B1 20130123**; DE 102010002271 A1 20110825; DE 102010002271 B4 20120531;
US 2011203433 A1 20110825; US 8438959 B2 20130514

DOCDB simple family (application)

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