

Title (en)

CUTTING DEVICE FOR CONTINUOUS LABELS

Title (de)

ABSCHNEIDEVORRICHTUNG FUER ENDLOSETIKETTEN

Title (fr)

DISPOSITIF DE DÉCOUPAGE POUR ROULEAUX ÉTIQUETTES

Publication

**EP 3505355 B1 20220126 (DE)**

Application

**EP 17211267 A 20171231**

Priority

EP 17211267 A 20171231

Abstract (en)

[origin: US2019202654A1] A printer for printing on a print medium includes: a receptacle for taking up the print medium into a roll; a print head for printing onto the print medium during a printing process; a print roller for directing the print medium past the print head during the printing process; and a cutting device for separating a printed portion of the print medium. The cutting device includes a stationary blade, a blade that is movable against the stationary blade, and a drive motor for moving the movable blade from a rest position, into a cutting position, and back. The drive motor includes a transmission and at least one drive pin. A rotational movement of the drive motor with the transmission and the at least one drive pin is converted into a linear movement of the moving blade. A movement path of the at least one drive pin is circular or elliptical.

IPC 8 full level

**B41J 3/407** (2006.01); **B26D 1/02** (2006.01); **B26D 1/08** (2006.01); **B26D 5/08** (2006.01); **B41J 11/70** (2006.01); **B26D 1/00** (2006.01); **B41J 11/66** (2006.01)

CPC (source: EP US)

**B26D 1/085** (2013.01 - EP US); **B26D 5/08** (2013.01 - EP US); **B41J 3/4075** (2013.01 - US); **B41J 11/703** (2013.01 - EP US); **B65H 16/005** (2013.01 - US); **B65H 35/08** (2013.01 - US); **B26D 2001/0066** (2013.01 - EP US); **B41J 11/666** (2013.01 - EP US)

Cited by

US11685134B2; EP3936446A1; US11794497B2; EP3967503A1; EP4105030A1

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 3505355 A1 20190703**; **EP 3505355 B1 20220126**; US 10717624 B2 20200721; US 2019202654 A1 20190704

DOCDB simple family (application)

**EP 17211267 A 20171231**; US 201816211264 A 20181206