

Title (en)
CUTTING AND EXPANDING DEVICE

Title (de)
SCHNEID- UND SPREIZVORRICHTUNG

Title (fr)
DISPOSITIF DE COUPE ET DE SEPARATION

Publication
EP 2396227 A1 20111221 (DE)

Application
EP 10700818 A 20100120

Priority
• EP 2010000314 W 20100120
• DE 102009008278 A 20090210
• DE 102009008936 A 20090213

Abstract (en)
[origin: WO2010091771A1] The invention relates to a cutting and expanding device for cutting a web of packaging material that is fed to the device via a web inlet into a plurality of individual webs that are conveyed away from the device at a web outlet and spaced apart from one another.

IPC 8 full level
B65B 41/16 (2006.01); **B26D 1/02** (2006.01); **B65B 59/00** (2006.01); **B65B 61/06** (2006.01); **B65H 35/02** (2006.01)

CPC (source: EP US)
B26D 1/025 (2013.01 - EP US); **B26D 1/035** (2013.01 - EP US); **B26D 1/245** (2013.01 - EP US); **B65B 41/16** (2013.01 - EP US); **B65B 59/00** (2013.01 - EP US); **B65B 61/06** (2013.01 - EP US); **B65H 23/025** (2013.01 - EP US); **B65H 35/02** (2013.01 - EP US); **B65B 21/24** (2013.01 - EP US); **B65B 53/063** (2013.01 - EP US); **B65B 2220/06** (2013.01 - EP US); **B65H 2301/351** (2013.01 - EP US); **B65H 2301/4148** (2013.01 - EP US); **B65H 2511/214** (2013.01 - EP US); **B65H 2511/22** (2013.01 - EP US); **Y10T 83/664** (2015.04 - EP US)

Citation (search report)
See references of WO 2010091771A1

Designated contracting state (EPC)
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 SE SI SK SM TR

DOCDB simple family (publication)
WO 2010091771 A1 20100819; EP 2396227 A1 20111221; EP 2396227 B1 20130403; PL 2396227 T3 20130930; US 2011226108 A1 20110922; US 9254979 B2 20160209

DOCDB simple family (application)
EP 2010000314 W 20100120; EP 10700818 A 20100120; PL 10700818 T 20100120; US 201013125626 A 20100120