

Title (en)
DEVICE FOR CUTTING A TEAR STRIP

Publication
EP 0166299 B1 19880608 (DE)

Application
EP 85107185 A 19850611

Priority
DE 3423295 A 19840623

Abstract (en)
[origin: US4648299A] A tear-open strip is severed from a band of material having a width equal to the desired length of the tear-open strip by cooperation between a stationary knife-edge defining member and a pivotal knife-edge defining member. The knife edges form chords of a hyperboloid of revolution and are inclined relative to one another. The pivotal knife-edge defining member is provided with suction ports adjacent to the cutting edge whereby a severed strip may be transported by the knife to an intermittently moving sheet of packaging material to which the strip is subsequently bonded.

IPC 1-7
B65B 61/18

IPC 8 full level
B26D 1/30 (2006.01); **B31B 1/90** (2006.01); **B31B 50/00** (2017.01); **B65B 61/18** (2006.01); **B65H 35/06** (2006.01)

CPC (source: EP US)
B31B 50/00 (2017.07 - EP US); **B31B 70/8123** (2017.07 - EP US); **B31B 50/8126** (2017.07 - EP US); **B31B 50/8128** (2017.07 - EP US); **Y10T 83/2181** (2015.04 - EP US); **Y10T 83/444** (2015.04 - EP US); **Y10T 83/4824** (2015.04 - EP US); **Y10T 83/8818** (2015.04 - EP US); **Y10T 83/9447** (2015.04 - EP US)

Cited by
CN112706998A; EP0538768A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0166299 A2 19860102; EP 0166299 A3 19861203; EP 0166299 B1 19880608; DE 3423295 A1 19860102; DE 3563195 D1 19880714; JP S6119596 A 19860128; US 4648299 A 19870310

DOCDB simple family (application)
EP 85107185 A 19850611; DE 3423295 A 19840623; DE 3563195 T 19850611; JP 13315285 A 19850620; US 74560485 A 19850617