

Title (en)
DEVICE FOR TRANSVERSE CUTTING AND SEALING OF WEBS

Publication
EP 0425895 B1 19930609 (DE)

Application
EP 90119907 A 19901017

Priority
DE 3936515 A 19891102

Abstract (en)
[origin: CA2029307A1] A device for the transverse cutting of webs of thermoplastic plastic and more particularly webs of tubular film for making bags, consists of a pair of feed rolls advancing the web in steps equal to the length to which the web is cut, a transverse cutting knife arranged in parallelism to a transverse welding device and two vertically moving rails arranged parallel to each other, of which the rail which is to the fore in the direction of feed is in the form of a gripping rail and grips the leaving web end, fed between the jaws of the transverse welding device, on a support and of which the rail placed between the knife and the gripping rail acting as a holding rail tautens the web section gripped between the pair of feed rolls and the gripping rail, before the knife severs the web. In order to produce a tension ensuring a good cut taking up and slack in the web, after the advance of the web (3) the pair of feed rolls (1 and 2) is subject to a movement retracting the web during a time interval which comes before the formation of the transverse seam. (Single figure).

IPC 1-7
B31B 23/00

IPC 8 full level
B31B 23/00 (2006.01); **B31B 70/00** (2017.01); **B31B 155/00** (2017.01); **B31B 160/10** (2017.01)

CPC (source: EP US)
B31B 70/00 (2017.07 - EP US); **B31B 70/645** (2017.07 - EP US); **B31B 2155/00** (2017.07 - EP US); **B31B 2155/003** (2017.07 - EP US); **B31B 2160/10** (2017.07 - EP US)

Cited by
US5942076A; WO9840276A1

Designated contracting state (EPC)
BE DE DK ES FR GB IT SE

DOCDB simple family (publication)
EP 0425895 A1 19910508; **EP 0425895 B1 19930609**; CA 2029307 A1 19910508; DE 3936515 A1 19910508; DE 59001699 D1 19930715; ES 2045713 T3 19940116; US 5112289 A 19920512

DOCDB simple family (application)
EP 90119907 A 19901017; CA 2029307 A 19901105; DE 3936515 A 19891102; DE 59001699 T 19901017; ES 90119907 T 19901017; US 60295090 A 19901025