

Title (en)

CONTROL DEVICE FOR THE CUTTING PLATE OF A DISTRIBUTION DEVICE, AND FOR SIMULTANEOUSLY CUTTING WOUND STRIP

Publication

EP 0317448 B1 19910424 (FR)

Application

EP 88420372 A 19881104

Priority

FR 8716439 A 19871120

Abstract (en)

[origin: EP0317448A1] The control means for the cutting plate is noteworthy in that it consists of a rack-pinion device, with limited toothings, the pinion (1) being integral with a fixed part of the apparatus, with its axis of symmetry coincident with the axis of rotation of the drum, whilst the rack (2) is integral with the pivoting axis of the cutting-plate holder at a point located close to the periphery of the drum, with its toothing established opposite the said axis and according to a radius of curvature having, as centre, the said pivoting axis; the rack-pinion device being suitably sized and oriented in order to ensure the exit of the cutting plate outside the drum immediately after it passes behind the roll of material bearing on the drum, whilst the return of the said plate is achieved by an element complementing the device acting before its passage to the lower part of the apparatus. <IMAGE>

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A47K 10/34

IPC 8 full level

B26D 5/00 (2006.01); **A47K 10/34** (2006.01); **A47K 10/36** (2006.01); **D06H 7/02** (2006.01)

CPC (source: EP KR)

A47K 10/34 (2013.01 - KR); **A47K 10/3643** (2013.01 - EP); **A47K 2010/365** (2013.01 - EP)

Cited by

EP2279684A3; FR2701016A1; FR2713075A1; US7373864B2; CN114016276A; FR2723303A1; AU685978B2; FR2791655A1; FR2723932A1; US5937718A; FR2717789A1; US6962101B2; US6450076B1; AU685617B2; AU674053B2; US5979284A; US6443043B1; WO9603912A1; WO2020251841A1; WO9417714A1; US11478111B2; US11864695B2; WO0059354A1; WO9606557A1; US6609449B2; US6609450B2; WO9526157A1; WO9417715A1

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