

Title (en)

DEVICE FOR FEEDING WEB ROLLS OF PACKAGING MATERIAL TO A PACKAGING MACHINE

Publication

EP 0260453 B1 19920520 (DE)

Application

EP 87111915 A 19870818

Priority

DE 3631205 A 19860913

Abstract (en)

[origin: US4840321A] To transfer reels (11) to supporting journals (15, 16) of a reel-changing device (12) of a packaging machine (10), the supporting journal (15) is axially displaceable. As a result, the reel can be delivered in the working plane or run-off plane without any transverse displacement and held in the receiving position, while the supporting journal (15, 16) penetrates into a central orifice (42) in the reel (11) as a result of axial displacement.

IPC 1-7

B65H 16/04; **B65H 19/12**

IPC 8 full level

B65H 16/04 (2006.01); **B65H 16/06** (2006.01); **B65H 19/12** (2006.01); **B65H 75/24** (2006.01)

CPC (source: EP US)

B65H 16/04 (2013.01 - EP US); **B65H 19/123** (2013.01 - EP US); **B65H 75/2437** (2021.05 - EP US); **B65H 75/245** (2013.01 - EP US); **B65H 2301/413223** (2013.01 - EP US); **B65H 2301/4172** (2013.01 - EP US); **B65H 2301/41722** (2013.01 - EP US); **B65H 2301/41745** (2013.01 - EP US); **B65H 2301/418526** (2013.01 - EP US); **B65H 2301/41856** (2013.01 - EP US); **B65H 2403/41** (2013.01 - EP US)

Cited by

CN105683048A; EP0995706A1; CN109230681A; EP0391117A1; DE4234344A1; CN105151919A; EP0524660A1; EP0337140A3; US5031381A; US6402083B1; WO2015059048A1; WO2015024746A1; EP0479594B1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0260453 A2 19880323; **EP 0260453 A3 19890201**; **EP 0260453 B1 19920520**; BR 8704727 A 19880503; CA 1323640 C 19931026; CN 1009909 B 19901010; CN 87106245 A 19880504; DE 3631205 A1 19880324; DE 3779232 D1 19920625; JP 2546854 B2 19961023; JP S6371057 A 19880331; US 4840321 A 19890620

DOCDB simple family (application)

EP 87111915 A 19870818; BR 8704727 A 19870911; CA 545342 A 19870824; CN 87106245 A 19870911; DE 3631205 A 19860913; DE 3779232 T 19870818; JP 22182287 A 19870904; US 9559487 A 19870911