

Title (en)

Apparatus for splicing a material web

Title (de)

Gerät zum Verbinden von Warenbahnen

Title (fr)

Appareil pour raccorder des matériaux en bande

Publication

EP 0728692 A3 19971217 (EN)

Application

EP 96850038 A 19960223

Priority

FI 950856 A 19950224

Abstract (en)

[origin: EP0728692A2] The present invention relates to an apparatus for splicing a material web (2), which is paid off from a roll (1) such as packaging film web employed in liquid pouch packaging equipment, to a web (2') paid off from a new roll (1') when the web of the previous roll (1) is expiring, said apparatus comprising a splicing device (9) for making a splice between the web (2) of the expiring roll (1) and the web (2') of the new roll (1'), whereby the web (2, 2') being currently used is passed via said splicing device (9). The invention is implemented by having the apparatus equipped with support stands (10) for at least two rolls (1, 1') of which only one roll (1) is paid off at a time, further having the web tail (2') of the new roll (1') in the splicing device (9) threaded close to the web (2) of the previous, expiring roll (1), and finally having the apparatus provided with at least one sensor (14, 15) capable of detecting the expiration of the web (2) on the roll (1) being paid off and issuing a corresponding signal to said splicing device (9) that subsequently performs required splicing. <IMAGE>

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B65H 19/18

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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- [A] DE 3715438 A1 19881117 - KIEFEL HOCHFREQUENZ PAUL [DE]
- [XAY] PATENT ABSTRACTS OF JAPAN vol. 006, no. 256 (M - 179) 15 December 1982 (1982-12-15)
- [A] PATENT ABSTRACTS OF JAPAN vol. 007, no. 257 (M - 256) 16 November 1983 (1983-11-16)

Cited by

FR2772736A1; FR2772737A1; US9708153B2

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DOCDB simple family (publication)

EP 0728692 A2 19960828; **EP 0728692 A3 19971217**; **EP 0728692 B1 20020206**; CA 2170230 A1 19960825; CA 2170230 C 20070925; DE 69619000 D1 20020321; DE 69619000 T2 20020926; FI 950856 A0 19950224; FI 950856 A 19960825; FI 98355 B 19970228; FI 98355 C 19970610; RU 2186009 C2 20020727

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