

Title (en)

Method and apparatus for handling packaging material in view of manufacturing cigarette packages

Title (de)

Verfahren und Vorrichtung zur Vorbereitung von Verpackungsmaterial für die Fertigung von Zigarettenpackungen

Title (fr)

Procédé et appareil pour préformer un matériau d'emballage en vue de la fabrication d'emballages de cigarettes

Publication

EP 0994024 A1 20000419 (DE)

Application

EP 99119880 A 19991007

Priority

DE 19847893 A 19981016

Abstract (en)

The packets are made by cutting off blank sections from a continuous supply web (10) having folds. The unfolded or partially folded material web is deflected by the guide roller (24) and introduced into the conveyor/shaping stretch and the folded material web is then deflected by the guide roller (28) out from this conveyor stretch. The continuously supplied material web is deformed in a first section adjoining the guide roller (24) into an intermediate folded position with at least one side upright arm and is then provided with the further folds in a further section of the conveyor/ shaping stretch. Independent claim describes device with guide rollers and shaping device applying folds.

Abstract (de)

Verfahren und Vorrichtung zum Falten bzw. Formen einer fortlaufenden Materialbahn (10) aus dünnem Verpackungsmaterial. Die Materialbahn (10) wird dabei durch ein Formaggregat (27) hindurchgeleitet, welches mit feststehenden Formorganen, nämlich Formstegen (46, 47 sowie 50, 52) und einem Gegensteg (53) die Verformung der Materialbahn (10) während des Transports derselben bewirken. <IMAGE>

IPC 1-7

B65B 19/22; **B31B 19/36**

IPC 8 full level

B65B 43/00 (2006.01); **B31B 19/36** (2006.01); **B65B 19/22** (2006.01)

CPC (source: EP US)

B31B 70/262 (2017.07 - EP US); **B31B 70/36** (2017.07 - EP US); **B65B 19/228** (2013.01 - EP US); **Y10S 493/91** (2013.01 - EP US)

Citation (search report)

- [Y] EP 0550406 A1 19930707 - FOCKE & CO [DE]
- [YA] GB 2219244 A 19891206 - NEWLONG MACHINE WORKS [JP]
- [A] US 4016808 A 19770412 - YOUNG LOUIS H

Citation (third parties)

Third party :

- EP 0550406 A1 19930707 - FOCKE & CO [DE]
- US 4016808 A 19770412 - YOUNG LOUIS H
- US 3656415 A 19720418 - HOOK COREY T JR
- US 5970682 A 19991026 - FOCKE HEINZ [DE], et al
- EP 0677444 A1 19951018 - GD SPA [IT]

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0994024 A1 20000419; **EP 0994024 B1 20040908**; AT E275500 T1 20040915; BR 9904930 A 20000815; CN 1147412 C 20040428; CN 1251816 A 20000503; DE 19847893 A1 20000420; DE 59910442 D1 20041014; ES 2226257 T3 20050316; JP 2000118513 A 20000425; JP 4326639 B2 20090909; US 6280372 B1 20010828

DOCDB simple family (application)

EP 99119880 A 19991007; AT 99119880 T 19991007; BR 9904930 A 19991018; CN 99123916 A 19991015; DE 19847893 A 19981016; DE 59910442 T 19991007; ES 99119880 T 19991007; JP 29581099 A 19991018; US 41775199 A 19991014