

Title (en)

Device for supporting, positioning and driving a tubular support during the winding of a web.

Title (de)

Vorrichtung zum Halten, Positionieren und Antreiben der Wickelwelle beim Wickeln von Bahnen.

Title (fr)

Dispositif pour le maintien, le positionnement et l'entraînement d'un support tubulaire lors de l'enroulement d'une matière en feuille.

Publication

EP 0086165 A1 19830817 (FR)

Application

EP 83420011 A 19830125

Priority

FR 8201951 A 19820204

Abstract (en)

1. Device for holding, positioning and moving a tubular support over which is to be rolled a continuous material in sheet form, wherein said device is in the form of a jaw constituted in two parts (2, 3), mounted for pivoting one with respect to the other, and defining between them a cage (4) designed to receive the end of the support tube (5), one of said elementary parts (2) being mounted on the shaft (6) controlling the rotation movement, and the other elementary part (3) being mounted for pivoting on the afore-said part and comprising means to ensure the gripping and self-locking of the support tube (5) when the material is being rolled, the part (2) mounted to the driving shaft (6) being in the form of a lower cradle and the pivoting part (3) being in the form of an upper shell, the said shell (3) being held and pivoted with respect to the cradle (2) by way of a casing (8) mounted on said cradle (2) via a pivoting axle (9), characterized by the fact that the shell (3) is mounted inside the casing (8) by way of a small rod (12) which is also mounted for pivoting about a fixed axle (13), integral with the lower cradle (2), the gripping and self-locking means associated to the said shell (3) being constituted by a link-rod (16) whose ends are mounted for pivoting about axles (17, 18) on the casing (8) and the small (12), respectively, and the self-locking being ensured by way of runners (19, 20) mounted eccentrically on the shell (3).

Abstract (fr)

Dispositif pour le maintien, le positionnement et l'entraînement d'un support tubulaire autour duquel doit être enroulé un matériau continu, en forme de feuille. Ce dispositif se présente sous la forme d'un mors réalisé en deux parties (2-3), articulées l'une par rapport à l'autre, définissant entre elles une cage (4) destinée à recevoir l'extrémité du tube support (5), une de ces parties élémentaires (2) étant montée sur l'arbre de commande d'entraînement (6) en rotation et l'autre partie élémentaire (3) étant montée pivotante sur la partie précitée et comportant des moyens assurant le serrage et l'auto-blocage dudit support (5) lors de l'enroulement de la matière.

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B65H 19/02

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [A] FR 2443406 A1 19800704 - KUNZ MASCH APP [DE]
- [A] DE 917592 C 19540906 - FAERBEREI & APPRETUR SCHUTSTER

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