

Title (en)

Apparatus for bundling elongated objects, in particular bars of wood.

Title (de)

Bündelungsanlage für längliche Gegenstände, insbesondere Holzleisten.

Title (fr)

Dispositif à botteler des objets oblongs, en particulier des listeaux de bois.

Publication

EP 0197007 A1 19861008 (DE)

Application

EP 86810140 A 19860325

Priority

CH 130985 A 19850326

Abstract (en)

1. Bundling plant for elongate objects, exhibiting a plurality of bundling stations (2, 3) spaced apart from one another in horizontal direction, each bundling station exhibiting an endless contact means (22) which is adapted to be motor-driven and is guided around deflection rollers (28-33), said endless contact means delimiting the lower feed zone of each bundling station, further-more two rollers (32, 33) being provided which are mounted so as to pivot over the upper feed zone, and over which the contact means (22) is guided, characterised in that the two rollers (32, 33) mounted so as to pivot towards one another are each seated on the end of a lever (40, 42) respectively pivotable on an axle (48, 50) and equipped with drive means (26), that each bundling station exhibits in its lower portion rollers (36) arranged in a ring, against which the contact means, which is constructed as a belt (22), comes to rest when the levers (40, 42) are pivoted inwards, the belt (22) is guided between two adjacent rollers (38) arranged in a ring and looped around a deflection roller (34) arranged beneath said rollers (36), the bundling stations (2, 3) are displaceable jointly by a first feed means (10) relative to a stationary, horizontal frame (6) and second motorized feed means (16) are provided, by means of which a second bundling station (2) seated on a trolley (18) or carriage is moveable horizontally towards the first bundling station (3).

Abstract (de)

Zwei voneinander in Horizontalrichtung distanzierte Bündelstationen enthalten je einen endlosen motorisch antreibbaren Riemen (22), die je um Umlenkrollen (28 - 34) geführt sind. Beidseits des Einfüllbereiches (23) befinden sich bei jeder Bündelstation einschwenkbare Hebel (40, 42) an deren Enden sich je eine weitere Umlenkrolle (32, 33) befindet, über welche der Riemen geführt ist. Durch Einschwenken der Hebel (40, 42) und Antrieb des Riemens (22) lassen sich Leisten od. dgl. auch unterschiedlicher Querschnittsform rasch zu einem kompakten Bündel formen, sodass hernach straff sitzende Bänder umgelegt werden können.

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B65B 27/10

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CPC (source: EP)

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Citation (search report)

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