

Title (en)

APPARATUS FOR BUILDING UP A ROLL FROM A PIECE OF WEB

Publication

EP 0337372 B1 19921223 (DE)

Application

EP 89106364 A 19890411

Priority

DE 3812170 A 19880412

Abstract (en)

[origin: EP0337372A2] In order to automatically form rolls from web sections with computer aided drawings, a cassette (12, 16, 17) is provided in the direction of transport of the web, adjacent to a cutting arrangement (13). Said cassette comprises a first cassette part (12) mounted on a frame (10) and a second cassette part (16, 17) mounted on the frame (5) in such a way that it pivots along an axis. Said second cassette part (16, 17) can pivot between a first position, in which the two parts of the cassette (12, 16, 17) delimit a generally cylindrical inner space (11) for forming the roll (40), and a second position, in which the inner space (11) is opened to release the roll (40). On the frame (10) are arranged at a distance one from another a first cassette roller (18, 19) and a second cassette roller (18, 21). The axis of the first cassette roller (18, 19) corresponds to the axis of the pivoting mounting of the second cassette part (16, 17). A third cassette roller (18, 20) is moreover fixed rotatively on the second cassette part (16, 17) at a distance from the first and second cassette roller (18; 19, 21). Said cassette rollers (18; 19, 20, 21) are synchronically driven and part of their external surface extends into the cylindrical inner space (11) for forming rolls. A hoop-casing arrangement for winding a tape (30) around the roll (40) once it is formed as well as an arrangement for fixing the tape (30) onto itself can be added to said device.

IPC 1-7

B65H 18/16

IPC 8 full level

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CPC (source: EP)

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