Claims

1. A conveyor (3) comprising:

a first belt (7a) which is configured to move in a closed loop (19);

a support element (15) which comprises first surface (16a) which is configured to cooperate with a first surface (17a) of the first belt (7a) to support the first belt (7a) during an outgoing part of the closed loop (19) and a second surface (16b) which is configured to cooperate with a second surface (17b) of the first belt (7a) to support the first belt (7a) during a return part of the closed loop (19), so that the first belt (7a) is prevented from hanging;

a second belt (7b) which is configured to move in a closed loop (19), and the support element (15) comprises a third surface (16c) which is configured to cooperate with a first surface (18a) of the second belt (7b) to support the second belt (7b) during an outgoing part of the closed loop (19) and a fourth surface (16d) which cooperates with a second surface (18b) of the second belt (7b) to support the second belt (7b) during a return part of the closed loop (19), so that the second belt (7b) is prevented from hanging;

wherein the support element (15) comprises a member which has an inverted T-shaped cross-section, which defines the second and fourth surfaces (18b,16d).

2. A conveyor according to claim 1, wherein the support element comprises a member which has a T-shaped cross-section, which defines the first and third surfaces.

3. A conveyor according to any one of the preceding claims, wherein the first and second belts ~~may be of~~have an equal width.

4. A conveyor according to any one of the preceding claims, wherein the support element further comprises flanges which are configured to restrict lateral movement of a belt.

5. A conveyor according to any one of the preceding claims, wherein the support element comprises a first part and second part, wherein a gap is interposed between the first part and second part.

6. A conveyor according to claim 5, wherein the support element further comprises a means for selectively adjusting and fixing the distance between the first part and second part so that the length of the support element can be adjusted to fit belts of various sizes.

7. A conveyor according to any one of the claims 1-6, wherein the conveyor further comprises one or more wheels (11a, 11b) which cooperate with the first belt (7a) and second belt (7b) to rotate the first and second belts around their closed loops, wherein at least the portion of the one or more wheels which cooperates with the first and second belt comprises flexible material.

8. A conveyor according to any one of the claims 1-7, wherein the conveyor further comprises one or more wheels which cooperate with the first belt and second belt to rotate the first and second belts around their closed loops, wherein said first and second belt comprises flexible material to allow ~~the~~ a puck~~s~~ to easily pass the wheels (11a, 11b).