Title (en)

CHAIN

Title (de)

KETTE

Title (fr)

CHAINE

Publication

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Application

EP 06828643 A 20061212

Priority

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- DE 102006017143 A 20060412

Abstract (en)

[origin: WO2007076777A2] A chain comprises link elements with at least one respective opening area that overlaps with an opening area of the preceding or the subsequent link element in a first area or a second area, the opening area of a link element having a rolling surface area and a contact surface area. Rocker pieces connect the link elements and are guided through opening areas and two adjacent link elements so that the rocker pieces interact with one respective rolling surface area or contact surface area of any of the two adjacent link elements. The rocker pieces are designed as pins comprising at least one pin periphery area configured as the rolling surface and one pin periphery area configured as the contact surface area. The rolling surface interacts with the rolling surface area or the contact surface area of the opening area and the contact surface with the rolling surface area or contact surface area of the opening area. Either the first area and the second area of the link elements or the rolling surface and the contact surface of the pin periphery area are point-asymmetric to each other, or else the face contact points of a respective pin are off-center to an opposite pressure surface with respect to a center axis through the pin cross-section that is parallel to a plane perpendicular to the direction of extension of the chain when extended.

IPC 8 full level

F16G 5/18 (2006.01)

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