

Abstract

A chain conveyor has a roller chain (6) *[should read "8"]* and a bearing rail (5) for vertically underpropping the roller chain (6) *[should read "8"]*. The roller chain (6) *[should read "8"]* consists of a plurality of supporting rolls (3) which are interconnected plates (1). The plates are U-shaped in that they have two legs (11, 12) with a base piece (10) between them. The average length (L) of the base piece (10) corresponds at least approximately to the distance (A) between the axes of two adjacent supporting rolls (3). The front sides of the adjacent base parts of adjacent plates are correspondingly configured and act as limit stops, in that they limit the mutual rotation of adjacent plates when it goes beyond a predetermined angle, such that the roller chain can transfer the thrust force. For lateral guidance of the roller chain, discrete guide elements (2) are provided which are pushed through the shafts that pivot the plates.

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REPLACED

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