

Abstract

A conveying apparatus (1) for shelf channels of shelf storage facilities comprises two parallelly arranged, circulating conveying means (2) for receiving pallets (P). The conveying means (2) are partially designed as support roller chains (3) whose ends are interconnected by a rope (3). Two deflections (5, 6) are provided per conveying means (2) by means of which the particular conveying means is divided into an upper (7) and a lower run (8). In order to bring the two conveying means into a defined initial position after unloading the last pallet, several chain links (3A, 3B, 3C, 3D) of the end region of the particular chain (3) near the unloading end are provided with a smooth surface. Moreover, an end stop member (15, 16) is provided for each conveying means (2) that limits the path of displacement of the chain (3) in the unloading direction. Finally, both conveying means (2) are provided in their beginning region near the loading end with an entrainment member (12) that ensures a non-positive and/or positive connection in loading direction between the conveying means (2) and the first pallet (P) to be loaded.

(Fig. 1)