

Title (en)  
CONTACT ASSEMBLY AND ACCUMULATION CONVEYOR WITH THE CONTACT ASSEMBLY

Title (de)  
KONTAKTVORRICHTUNG UND STAUFÖRDERER MIT DER KONTAKTVORRICHTUNG

Title (fr)  
ENSEMBLE DE CONTACTS ET CONVOYEUR D'ACCUMULATION MUNI DUDIT ENSEMBLE DE CONTACTS

Publication  
**EP 1093434 A1 20010425 (EN)**

Application  
**EP 99939981 A 19990702**

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Abstract (en)  
[origin: WO0001598A1] A contact assembly (50) for an accumulation conveyor (10) includes a support member (60) having a cavity (72) dimensioned to receive a force producing device (74). A contact member (50) is positioned between the force producing device (74) and the conveying rollers (25) and reciprocates with respect to the conveying rollers (25). The contact member (50) includes a platform (80) which supports a pair of cantilevered contact rollers (84, 84', 86, 86') journaled at opposing ends of the platform (80). When the platform (80) is vertically reciprocated by the force-producing device (74), the contact rollers (84, 84', 86, 86') in driving engagement with a drive belt (30) are forced upward, placing the drive belt (30) into driving contact with the conveying rollers (25). The contact member (50) is rotatably connected to the support member (60) while the contact roller (84, 84', 86, 86') positioned first in the direction of travel of the drive belt is formed with a pair of flanges (85). Contact between the drive belt (30) and the flanges (85) rotates the contact member (50) to thereby maintain alignment of the contact rollers (84, 84', 86, 86') and the drive belt (30).

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