

Title (en)  
POWER TRANSMISSION BELT

Title (de)  
KRAFTÜBERTRAGUNGSBAND

Title (fr)  
COURROIE DE TRANSMISSION DE PUISSANCE

Publication  
**EP 3755920 A1 20201230 (FR)**

Application  
**EP 19708423 A 20190222**

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Abstract (en)  
[origin: WO2019162455A1] The invention concerns a power transmission belt (10) comprising an open band section (16), delimited by two ends (17, 18), assembled by a junction device (40) cooperating with locking rods (42) so as to be able to be at least partially dismounted, arranged to space apart the teeth (14) of the ends (17, 18) by the pitch (P) of the notched face (12) of said belt (10). The notched belt therefore has two use states: an open state allowing it to be mounted on a closed frame or chassis, and a closed state providing traction resistance at least equal to that of a chain or notched belt manufactured as a closed loop. To this end, it comprises a traction core wound around the locking rods (42) provided in said ends (17, 18), the strands of the cables of which are arranged side by side in the median plane of said belt corresponding to the neutral fibre of same. The junction device (40) of same is designed to observe the regular pitch (P) between the teeth and ensure the meshing of the toothed gears (1, 2).

IPC 8 full level  
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