

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

Priority
• FR 1851503 A 20180222
• FR 1855200 A 20180614
• EP 2019054470 W 20190222

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
F16G 1/12 (2006.01); **F16G 1/28** (2006.01); **F16G 3/02** (2006.01)

CPC (source: EP)
F16G 1/12 (2013.01); **F16G 1/28** (2013.01); **F16G 3/02** (2013.01)

Citation (search report)
See references of WO 2019162455A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
FR 3078127 A1 20190823; FR 3078127 B1 20210115; EP 3755920 A1 20201230; FR 3078128 A1 20190823; WO 2019162455 A1 20190829

DOCDB simple family (application)
FR 1855200 A 20180614; EP 19708423 A 20190222; EP 2019054470 W 20190222; FR 1851503 A 20180222