

Title (en)
Wire link-belt.

Title (de)
Drahtgliederband.

Title (fr)
Bande à maillons de fil.

Publication
EP 0472072 B1 19940928 (DE)

Application
EP 91113449 A 19910810

Priority
DE 4026196 A 19900818

Abstract (en)
[origin: US5217577A] A wire-link belt 1, 41 comprises a first and second, opposite belt side 32, 34; 61, 64, the first side supporting a moving length of material or a web of paper 33, 62, said wire-link belt further comprising a plurality of interlinking wire coils 2, 3, 4, 5; 42,43 consisting alternately of end arcs 16, 17, 18, 19; 49, 50 and coil-turn legs 10, 11, 12, 13, 14, 15; 45, 46, 47, 48 connecting them and coupled in hinging manner by means of slip-through wires. To reduce slippage between the moving length of material or web of paper 33, 62 and the wire-link belt 1, 41 on one hand and buckling or elongation of said length of material on the other hand, the support of the wire coils 2, 3, 4, 5; 42, 43 at the slip-through wires is such that the wire coils 2, 3, 4, 5; 42, 43 each hinge about axes offset relative to the center plane of the wire-link belt 1, 41 towards its first belt side 32, 61.

IPC 1-7
D21F 1/00

IPC 8 full level
D21F 1/00 (2006.01)

CPC (source: EP US)
D21F 1/0072 (2013.01 - EP US); **Y10S 162/902** (2013.01 - EP US); **Y10T 428/249922** (2015.04 - EP US); **Y10T 428/2973** (2015.01 - EP US)

Cited by
CN105984115A; EP0763623A1; DE19534486C1; US5810159A; DE202012103846U1; EP2716813A1; DE202021101509U1; EP4063545A2

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