Title (en)

Horizontal strip-accumulator

Title (de)

Horizontaler Bandspeicher

Title (fr)

Accumulateur de bandes horizontal

Publication

EP 0773074 B1 20000126 (DE)

Application

EP 96117373 A 19961030

Priority

DE 19542184 A 19951113

Abstract (en)

[origin: EP0773074A1] The horizontal store has a frame (2) supporting a loop carriage (11) at a variable spacing from a stationary deflection roller (10) for the metal band (1), fitted with at least one deflection roller (12-14) for providing a variable length storage loop (3) and support carriages (19) for support rollers (15-18). A flexible drive element (6) coupled to the loop carriage passes around a drive wheel (20) for each support carriage, with a second drive element (7) extending along the frame adjacent the path of the support carriages, cooperating with a second drive wheel in cinematic engagement with the first drive wheel of each support carriage via an intermediate gearing (22).

IPC 1-7 (main, further and additional classification)

B21C 49/00

IPC 8 full level (invention and additional information)

B21C 49/00 (2006.01); **B65H 20/34** (2006.01)

CPC (invention and additional information)

B21C 49/00 (2013.01); **B65H 20/34** (2013.01); B65H 2403/21 (2013.01); B65H 2408/2171 (2013.01)

Cited by

US6345753B1; DE102016011047A1; WO2018050857A1; WO9952804A1

Designated contracting state (EPC)

AT BE DE ES FI FR GB IT LU NL SE

DOCDB simple family

EP 0773074 A1 19970514; EP 0773074 B1 20000126; AT 189141 T 20000215; CA 2189826 A1 19970514; CA 2189826 C 20041012; CN 1082854 C 20020417; CN 1158765 A 19970910; DE 19542184 A1 19970515; ES 2142535 T3 20000416; JP 3881073 B2 20070214; JP H09164427 A 19970624; RU 2182857 C2 20020527; TW 314481 B 19970901; US 5769302 A 19980623