

Title (en)

Drawing machine for drawing elongated material

Title (de)

Ziehmaschine zum Ziehen von langgestrecktem Material

Title (fr)

Machine à tréfiler pour tréfilage de matériau allongé

Publication

**EP 1262249 A3 20030212 (DE)**

Application

**EP 02009185 A 20020425**

Priority

DE 10122655 A 20010510

Abstract (en)

[origin: EP1262249A2] The drawing machine (1) comprises a drive for each drawing carriage (3,4), and has at least two linear motor drives (5a,b,6a,b) with primary and secondary parts. The machine frame (2) has a track which extends in the drawing direction for the respective drawing carriages. The track is part of the linear motor drives, and has a first, top part (7b,8b) and a second, bottom part (7a,8a).

IPC 1-7

**B21C 1/30**; **B23Q 5/28**

IPC 8 full level

**B21C 1/16** (2006.01); **B21C 1/10** (2006.01); **B21C 1/28** (2006.01); **B21C 1/30** (2006.01)

CPC (source: EP KR US)

**B21C 1/10** (2013.01 - KR); **B21C 1/30** (2013.01 - EP US); **B21C 1/305** (2013.01 - EP US)

Citation (search report)

- [A] DD 80421 A
- [A] FR 2289261 A1 19760528 - EDWARDS SAMUEL [GB]

Cited by

EP1514617A1; IT201900008901A1; US7275405B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**EP 1262249 A2 20021204**; **EP 1262249 A3 20030212**; **EP 1262249 B1 20060920**; AT E340038 T1 20061015; CA 2385411 A1 20021110; CA 2385411 C 20090908; CN 1247335 C 20060329; CN 1385256 A 20021218; DE 10122655 A1 20030227; DE 10122655 C2 20030612; DE 50208177 D1 20061102; ES 2272601 T3 20070501; JP 2002346627 A 20021203; JP 3975115 B2 20070912; KR 100862905 B1 20081013; KR 20020086234 A 20021118; PL 199742 B1 20081031; PL 353782 A1 20021118; RU 2245202 C2 20050127; US 2004011111 A1 20040122; US 6684675 B1 20040203

DOCDB simple family (application)

**EP 02009185 A 20020425**; AT 02009185 T 20020425; CA 2385411 A 20020508; CN 02122193 A 20020510; DE 10122655 A 20010510; DE 50208177 T 20020425; ES 02009185 T 20020425; JP 2002134472 A 20020509; KR 20020024599 A 20020504; PL 35378202 A 20020509; RU 2002112355 A 20020507; US 14083902 A 20020507