

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

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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

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