

Title (en)

Flyer bow for a wire stranding or cabling machine

Title (de)

Rotorbügel für Drahtverlitzungs- oder Drahtverseilmaschinen

Title (fr)

Arceau de la lyre d'une toronneuse ou câbleuse

Publication

EP 1612325 A1 20060104 (DE)

Application

EP 04015191 A 20040629

Priority

EP 04015191 A 20040629

Abstract (en)

The flyer bow (1), for wire manufacturing machines, has a tube (7) along the center of its inner flank (4) of a wear-resistant metal or transparent plastics material as an integrated wire guide. The flyer bow has a profile (1a-1h) with a concave inner flank, a flat outer flank (5), and rounded transits (6',6'') between them.

IPC 8 full level

D07B 7/02 (2006.01); **D07B 3/10** (2006.01)

CPC (source: EP US)

D07B 3/10 (2013.01 - US); **D07B 3/103** (2013.01 - EP US); **D07B 7/021** (2021.01 - EP)

Citation (search report)

- [X] CH 618486 A5 19800731 - MAILLEFER SA
- [DA] US 5809763 A 19980922 - ROWLANDS DAVID B [US], et al
- [A] DE 19938127 A1 20010215 - SIEMENS AG [DE]

Cited by

FR2975711A1; EP1853756A4; CN106574439A; US9340926B2; WO2011124291A1; WO2012164367A1; WO2016020433A1; DE102014011772A1; US10329712B2

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