

Title (en)

Device for binding a rolled up band

Title (de)

Bindevorrichtung für ein zu einer Bandrolle aufgewickeltes Band

Title (fr)

Dispositif pour lier une bande en rouleau

Publication

**EP 1247776 A3 20040623 (DE)**

Application

**EP 02007721 A 20020405**

Priority

DE 20106031 U 20010406

Abstract (en)

[origin: EP1247776A2] The metal reel spool is manipulated by a central lifting prod between a horizontal bench (10) and the upright position during the sequence of operations including spool rotation, securing of the spool winding, and bench tilting. During this sequence the spool is held within a surrounding array of low-friction rollers (121) which minimize mechanical loads around the spool rim.

IPC 1-7

**B65H 54/62**; **B65B 27/06**

IPC 8 full level

**B65B 27/06** (2006.01)

CPC (source: EP)

**B65B 27/06** (2013.01)

Citation (search report)

- [A] AU 5353600 A 20010315 - ILLINOIS TOOL WORKS
- [A] DE 19533984 A1 19970320 - KRUPP AG HOESCH KRUPP [DE]
- [A] US 3059386 A 19621023 - VORRATH ELMER J, et al
- [A] US 4783905 A 19881115 - HASENKAMP FRIEDERICH [DE]
- [A] US 3002445 A 19611003 - DAVID SANSUM ROBERT
- [A] US 2504947 A 19500418 - GRANGE GEORGE A & AU 736663 B2 20010802 - ILLINOIS TOOL WORKS

Designated contracting state (EPC)

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

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**DE 20106031 U1 20010802**; EP 1247776 A2 20021009; EP 1247776 A3 20040623

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