

Title (en)  
Coil forming head for rod shaped rolled stock

Title (de)  
Windungsleger für stabförmiges Walzgut

Title (fr)  
Tête de formation de boucles pour matériau laminé en forme de tige

Publication  
**EP 1134045 A3 20020724 (DE)**

Application  
**EP 01105744 A 20010308**

Priority  
DE 10011683 A 20000310

Abstract (en)  
[origin: EP1134045A2] Laying head has a hollow shaft (8), a tubular holder (9) and a tube (10) for the rolling material. The holder is made partially from a material which has a lower density than steel. Preferred Features: The tubular holder is partially made from aluminum and magnesium or fiber-reinforced plastic. The tube is made from aluminum or magnesium with a ceramic layer on the inner side. A guiding attachment (24) made from a lightweight metal-composite material is connected to the tube.

IPC 1-7  
**B21C 47/14**

IPC 8 full level  
**B21B 39/00** (2006.01); **B21C 47/02** (2006.01); **B21C 47/14** (2006.01)

CPC (source: EP US)  
**B21C 47/143** (2013.01 - EP US)

Citation (search report)

- [XA] EP 0779115 A1 19970618 - DANIELI OFF MECC [IT]
- [A] WO 9964178 A1 19991216 - DANIELI OFF MECC [IT], et al
- [A] GB 2176865 A 19870107 - BRITISH STEEL CORP
- [AD] EP 0679453 A1 19951102 - MORGAN CONSTRUCTION CO [US]

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 1134045 A2 20010919; EP 1134045 A3 20020724; EP 1134045 B1 20050601**; AT E296690 T1 20050615; DE 10011683 A1 20010913; DE 50106356 D1 20050707; JP 2001269714 A 20011002; US 2001020662 A1 20010913

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**EP 01105744 A 20010308**; AT 01105744 T 20010308; DE 10011683 A 20000310; DE 50106356 T 20010308; JP 2001062211 A 20010306; US 80441301 A 20010309