

Title (en)  
Installation and method for the treatment of a metal strip or sheet

Title (de)  
Anlage und Verfahren zur Behandlung eines Metallbandes oder -bleches

Title (fr)  
Installation et procédé pour le traitement d'une bande ou feuille métallique

Publication  
**EP 1234619 A3 20050316 (DE)**

Application  
**EP 02000829 A 20020115**

Priority  
DE 10109056 A 20010224

Abstract (en)  
[origin: EP1234619A2] Device for treating a metal strip or sheet (4) comprises treatment units (1, 2, 3) joined together via coupling units (11, 12) to enable the metal strip to continuously pass through. The treatment units are arranged so that they can be operated independently with a separated strip passage. An Independent claim is also included for a process for treating a metal strip or sheet using the above device. Preferred Features: The treatment units are arranged parallel to each other and have devices for conveying the strip from one unit to another unit so that a meandering strip flow is produced.

IPC 1-7  
**B21B 1/28**; **B21B 41/00**; **C23G 3/02**; **C23C 2/40**; **C25D 7/06**

IPC 8 full level  
**B21B 1/28** (2006.01); **B21B 41/00** (2006.01); **C23C 2/40** (2006.01); **C23G 3/02** (2006.01); **C25D 7/06** (2006.01)

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**B21B 1/28** (2013.01); **B21B 41/00** (2013.01); **C23C 2/40** (2013.01); **C23G 3/02** (2013.01); **C25D 7/0614** (2013.01)

Citation (search report)

- [A] US 1771392 A 19300729 - BLECKER WILLIAM M
- [XA] ANGERBAUER A ET AL: "UNE SELECTION DES REALISATIONS RECENTES DE VAI DANS LE DOMAINE DU LAMINAGE A FROID", CAHIERS D'INFORMATIONS TECHNIQUES DE LA REVUE DE METALLURGIE, REVUE DE METALLURGIE. PARIS, FR, vol. 96, no. 7/8, July 1999 (1999-07-01), pages 919 - 932, XP000865197, ISSN: 0035-1563
- [A] PATENT ABSTRACTS OF JAPAN vol. 1995, no. 08 29 September 1995 (1995-09-29)
- [A] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 05 30 April 1998 (1998-04-30)

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**EP 1234619 A2 20020828**; **EP 1234619 A3 20050316**; **EP 1234619 B1 20070307**; AT E355914 T1 20070315; DE 10109056 A1 20020905; DE 10109056 B4 20100311; DE 50209619 D1 20070419; ES 2282330 T3 20071016

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