

Title (en)  
PROCESSING ELECTRICAL STEELS

Publication  
**EP 0312883 B1 19930331 (EN)**

Application  
**EP 88116829 A 19881011**

Priority  
GB 8724387 A 19871017

Abstract (en)  
[origin: EP0312883A1] A method of processing electrical steel by hot rolling cast stock into strip and coiling same, descaling and then cold rolling the strip in a decarburising atmosphere, coating the strip with a corrosion inhibitor, and drying and coiling same for despatch. Compared with the conventional process hitherto therefore, the second stage rolling, or extension pass, has been dispensed with and the provision of a rust inhibiting coating, which is preferably water-borne and oil free, downstream of the annealing furnace preserves the "coil protection" aspect.

IPC 1-7  
**C21D 8/12**; **C21D 9/52**; **C23F 11/02**

IPC 8 full level  
**C21D 8/12** (2006.01); **C21D 9/52** (2006.01); **C23F 11/02** (2006.01)

CPC (source: EP)  
**C21D 8/1277** (2013.01); **C21D 9/52** (2013.01); **C23F 11/02** (2013.01)

Citation (examination)

- GB 1430692 A 19760331 - NIPPON STEEL CORP
- BHP Technical Bulletin, vol. 25, no. 2, November 1981, "Electrical Steels Produced by Vacuum Degassing and Continuous Casting", T.W. Smythe, pages 25-30
- JOURNAL OF METALS, January 1986, "Nonoriented Electrical Steels", G. Lyudkovsky et al., pages 18-26

Cited by  
EP0662527A1

Designated contracting state (EPC)  
BE DE FR IT SE

DOCDB simple family (publication)  
**EP 0312883 A1 19890426**; **EP 0312883 B1 19930331**; DE 3879863 D1 19930506; DE 3879863 T2 19930722; GB 2211116 A 19890628; GB 2211116 B 19910626; GB 8724387 D0 19871118; GB 8824059 D0 19881123

DOCDB simple family (application)  
**EP 88116829 A 19881011**; DE 3879863 T 19881011; GB 8724387 A 19871017; GB 8824059 A 19881013