

Title (en)

Procedure for manufacturing carburized steel strips

Title (de)

Verfahren zum Herstellen von aufgekohlten Stahlbändern

Title (fr)

Procédure de fabrication des bandes d'acier carburées

Publication

EP 1484419 A3 20051019 (DE)

Application

EP 04013061 A 20040603

Priority

DE 10325795 A 20030605

Abstract (en)

[origin: EP1484419A2] Production of steel strips comprises coiling a coil from a steel strip having a carbon starting content (% CA) in such a way that its layers are arranged at a distance from each other, annealing at a reaction temperature lying above the Ac3, and feeding a carburized gas (Rgas) through the space present between the individual layers of the coil until a carbon content (% CR) is increased by at least 0.1 weight % in the edge layer of the steel strip.

IPC 1-7

C21D 8/02; **C21D 8/04**

IPC 8 full level

C21D 9/67 (2006.01); **C23C 8/22** (2006.01); **C21D 8/02** (2006.01)

CPC (source: EP)

C21D 9/67 (2013.01); **C23C 8/22** (2013.01); **C21D 8/0278** (2013.01)

Citation (search report)

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- [X] EP 0626467 A1 19941130 - KAWASAKI STEEL CO [JP]
- [A] US 6110296 A 20000829 - ZARANEK RICHARD J [US]
- [X] PATENT ABSTRACTS OF JAPAN vol. 017, no. 067 (C - 1025) 10 February 1993 (1993-02-10)
- [X] PATENT ABSTRACTS OF JAPAN vol. 015, no. 275 (C - 0849) 12 July 1991 (1991-07-12)
- [A] PATENT ABSTRACTS OF JAPAN vol. 012, no. 252 (C - 512) 15 July 1988 (1988-07-15)

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