

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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