

Title (en)  
PLANTS FOR ANNEALING METAL STRAPS

Title (de)  
GLÜHVORRICHTUNG FÜR METALLISCHE BÄNDER

Title (fr)  
USINE DE RECUI DE BANDES METALLIQUES

Publication  
**EP 1735473 A1 20061227 (EN)**

Application  
**EP 04727095 A 20040413**

Priority  
IT 2004000205 W 20040413

Abstract (en)  
[origin: WO2005100617A1] Plant for annealing metal straps (4), which comprises a support structure (5) for one or more motors suitable for rotating at least three electrified rollers (1, 2, 3) in which the voltage of the second electrified roller (2) is higher or lower than the voltage of the first roller (1) and the third roller (3), so that a strap (4) passing around these electrified rollers (1, 2, 3) is crossed by an electric current and becomes hot due to the Joule effect, the diameter of the electrified rollers (1, 2, 3) being equal to the thickness of the strap (4) multiplied by a coefficient (k) greater than 200.

IPC 8 full level  
**C21D 1/40** (2006.01); **C21D 8/06** (2006.01); **C21D 9/62** (2006.01); **C22F 1/02** (2006.01)

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