

Title (en)
SEMICONTINUOUS ANNEALING PROCESS

Publication
EP 0195739 B1 19900627 (DE)

Application
EP 86730028 A 19860221

Priority
DE 3510050 A 19850320

Abstract (en)
[origin: US4710240A] Cold rolled steel strip is uncoiled, cleaned, and passed into an annealing furnace, wherein the strip is heated to and held at a relatively hot temperature, subsequently quenched, and coiled; after a period of storage the strip passes through the same equipment but now including additional pickling for removing an oxide layer, and the strip passes through the annealing furnace a second time, while operating said annealing furnace for heating to and holding at a lower temperature to obtain aging; thereafter the strip is coiled again.

IPC 1-7
C21D 9/54; **C21D 9/56**

IPC 8 full level
C21D 9/54 (2006.01); **C21D 9/56** (2006.01)

CPC (source: EP US)
C21D 9/54 (2013.01 - EP US); **C21D 9/56** (2013.01 - EP US)

Cited by
AT411821B

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0195739 A2 19860924; **EP 0195739 A3 19880810**; **EP 0195739 B1 19900627**; DE 3510050 A1 19861204; DE 3510050 C2 19870730; DE 3672277 D1 19900802; JP H0218366 B2 19900425; JP S61221333 A 19861001; US 4710240 A 19871201

DOCDB simple family (application)
EP 86730028 A 19860221; DE 3510050 A 19850320; DE 3672277 T 19860221; JP 5350186 A 19860311; US 84032286 A 19860314