Title (en)

ANNEALING INSTALLATION WITH M-SHAPED STRIP TREATMENT TUNNEL

Title (de)

AUSGLÜHINSTALLATION MIT M-FÖRMIGEM STREIFENBEHANDLUNGSTUNNEL

Title (fr)

INSTALLATION DE RECUIT DOTÉE D'UN TUNNEL DE TRAITEMENT DE RUBAN EN FORME DE M

Publication

EP 2580360 B1 20140402 (EN)

Application

EP 11723742 A 20110526

Priority

- NL 2004883 A 20100614
- NL 2011050364 W 20110526

Abstract (en)

[origin: WO2011159149A1] An annealing installation for the continuous annealing of metal strip guided through the installation, comprising an entrance chute 2, a first top roller chamber 3, a heating station 4, 5, 6, a cooling station 7, 8, a second top roller chamber 9 and a discharge chute 10 together delimiting an M-shaped meandering tunnel with four legs connected with each other via the two top roller chambers and a lower turning section. The entrance chute extends along the first one of the legs, the heating and the cooling stations extend along the second one of the legs, the lower turning section and the third one of the legs, and the discharge chute extends along the fourth one of the legs. Strip feeding and discharging means are provided for continuously guiding the strip as a free-hanging loop between the two top roller chambers through the heating and cooling stations during a process of annealing.

IPC 8 full level

C21D 9/56 (2006.01); **C21D 1/74** (2006.01); **C21D 9/573** (2006.01); **F27B 9/28** (2006.01)

CPC (source: EP US)

C21D 9/52 (2013.01 - US); **C21D 9/561** (2013.01 - EP US); **C21D 9/565** (2013.01 - EP US); **C21D 9/573** (2013.01 - EP US); **F27B 9/28** (2013.01 - EP US); C21D 1/74 (2013.01 - EP US)

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