

Title (en)

TEST DEVICE AND TEST METHOD FOR SIMULATING HIGH-SPEED CONTINUOUS ELECTROPLATING OF BAND STEEL

Title (de)

TESTVORRICHTUNG UND TESTVERFAHREN ZUR SIMULATION VON KONTINUIERLICHER  
HOCHGESCHWINDIGKEITSELEKTROPLATTIERUNG VON BANDSTAHL

Title (fr)

DISPOSITIF DE TEST ET PROCÉDÉ DE TEST POUR SIMULATION D'ÉLECTRODÉPOSITION CONTINUE À HAUTE VITESSE D'UNE BANDE  
D'ACIER

Publication

**EP 3156524 B1 20190327 (EN)**

Application

**EP 14894670 A 20141129**

Priority

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- CN 2014092602 W 20141129

Abstract (en)

[origin: EP3156524A1] The present invention relates to a test apparatus for simulating high-speed continuous electroplating of strip steel, which is characterized in that the test apparatus comprises a supporting underframe, a workbench is arranged on the supporting underframe, a working bath is fixed on the workbench, the test apparatus also comprises a working electrode system, a circulating pump, a reservoir and a cleaning bath, the reservoir is arranged under the working bath, a specimen for testing is mounted on the working electrode system, and by adjusting the rotation of motors, a high-speed strip steel production process is simulated. All the baths of the test apparatus are mounted at fixed positions on the supporting underframe, the specimen for testing is mounted on the working electrode system, and the working electrode system is mounted on the workbench. The whole electroplating process can be operated automatically, and the whole operation process is simple, efficient and good in safety.

IPC 8 full level

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**C25D 17/10** (2006.01); **C25D 17/12** (2006.01); **C25D 21/12** (2006.01)

CPC (source: EP US)

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**C25D 17/06** (2013.01 - EP US); **C25D 17/12** (2013.01 - EP); **C25D 21/12** (2013.01 - EP)

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