

Title (en)

EQUIPMENT FOR MANUFACTURING A COLD-ROLLED MATERIAL, AND COLD-ROLLING METHOD

Title (de)

AUSRÜSTUNG ZUR HERSTELLUNG EINES KALTGEWALZTEN MATERIALS UND KALTWALZVERFAHREN

Title (fr)

EQUIPEMENT POUR PRODUIRE UN MATERIAU LAMINE A FROID ET PROCEDE DE LAMINAGE A FROID

Publication

**EP 2514534 A4 20140910 (EN)**

Application

**EP 09852274 A 20091215**

Priority

JP 2009070926 W 20091215

Abstract (en)

[origin: EP2514534A1] Disclosed are cold-rolled material manufacturing equipment and a cold rolling method by which a high investment cost-effectiveness is realized while maintaining a high efficiency and a high yield in a small- to medium-scale plant with a capacity of about 300,000 to 600,000 tons of product per year. Input coils 101a to 101c unwound from a unwinding device 2 are joined together by a joining device 5, a buildup coil 102 having an outside diameter of not more than 3000 is formed at a winding/unwinding device 6, and the buildup coil 102 is subjected to reversible cold rolling a predetermined number of times by a cold rolling mill 1 between winding/unwinding devices 3 and 4 until a desired product strip thickness is reached. In the final pass, while being rolled at a slow speed for example, 2 mpm by the cold rolling mill 1, the buildup coil 102 is cut up by a cutting device 7a or 7b, thereby forming a plurality of output coils 103a to 103c, which are extracted from the winding/unwinding device 3 and carried out.

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

- No further relevant documents disclosed
- See references of WO 2011074080A1

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