

Title (en)

WORK ROLL FOR ROLLING, ROLLING MACHINE EQUIPPED WITH SAME, AND ROLLING METHOD

Title (de)

ARBEITSWALZE FÜR WALZEN, DAMIT AUSGERÜSTETE WALZMASCHINE UND WALZVERFAHREN

Title (fr)

CYLINDRE DE TRAVAIL POUR LAMINAGE, LAMINOIR ÉQUIPÉ DE CELUI-CI ET PROCÉDÉ DE LAMINAGE

Publication

EP 3895818 B1 20230308 (EN)

Application

EP 19895432 A 20191025

Priority

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- JP 2019041848 W 20191025

Abstract (en)

[origin: EP3895818A1] [Object] To provide a rolling work roll with which it is possible to effectively perform rolling with stable product qualities even with an increase in rolling distance when skin pass rolling is performed on a high-strength steel strip, and a skin pass rolling method using the roll.[Solution] A rolling work roll 2 includes a roll barrel 2x made of a cemented carbide having a Young's modulus of 450 GPa or higher, and a recess and projection layer 2y which is formed on the roll barrel 2x, which has an arithmetic average roughness Ra of 2.0 μm to 10.0 μm, and which contains granular chromium.

IPC 8 full level

B21B 27/03 (2006.01); **B21B 1/22** (2006.01); **C25D 7/00** (2006.01); **C25D 7/04** (2006.01)

CPC (source: EP US)

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