

Title (en)
ROLL FOR ROLLING SEAMLESS PIPES

Title (de)
WALZE ZUM WALZEN VON NAHTLOSEN ROHREN

Title (fr)
ROULEAU POUR LAMINAGE DE TUYAUTERIES SANS SOUDURES

Publication
EP 1894641 A4 20090701 (EN)

Application
EP 06746892 A 20060526

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Abstract (en)
[origin: EP1894641A1] A roll for rolling a seamless pipe or tube according to the invention includes a roll neck portion and a roll barrel portion. The surface layer of the roll barrel portion includes, by mass, 1.5% to 2.5% C, 1.3% to 3.5% Si, 0.1% to 2.0% Mn, 0.5% to 8.0% Ni, 0.1% to 2.0% Cr, 0.2% to 5.0% Mo, 0.1% to 5.0% V, 0.1% to 5.0% W, 0.1% to 5.0% Nb, and 0.05% to 2.0% Co, the balance consisting of Fe and impurities, and graphite having an area ratio of 0.5% to 5.0%. Therefore, the roll according to the invention has high wear resistance and a good biting characteristic.

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Citation (search report)
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• [A] JP 2004250729 A 20040909 - JFE STEEL KK
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