

Title (en)
METHOD AND NOZZLE ARRANGEMENT FOR A VARIABLE-WIDTH LUBRICATION OF THE ROLLING NIP OF A ROLLING STAND

Title (de)
VERFAHREN UND DÜSENANORDNUNG ZUR BREITENVARIABLEN WALZSPALTSCHMIERUNG EINES WALZGERÜSTES

Title (fr)
PROCEDE ET DISPOSITIF DE TUYERES DESTINES A LA LUBRIFICATION VARIABLE EN LARGEUR DE L'EMPRISE D'UNE STRUCTURE DE LAMINAGE

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Application
EP 02747367 A 20020611

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Abstract (en)
[origin: US7266984B2] The invention relates to a method for lubricating rolls, in particular for lubricating a rolling nip in rolling stands for rolled strips. According to the invention, said lubrication takes place using an oil-in-water dispersion whilst maintaining both a predetermined blend characteristic and a volumetric flow of the dispersion. The dispersion is prepared in the form of a homogeneous blend in a mixer (1) using adjustable quantities of water and oil. The dispersion is supplied to various spray zones (Zi) for a distribution (Bi) that is variable in width. Said method for roll lubrication can be improved by the allocation of at least one row of nozzles (Di) to each spray zone (Zi), which has a corresponding spray range width (Bi), each nozzle being controlled by at least one relay valve (Si).

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Cited by
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