

Title (en)
METHOD AND DEVICE FOR LUBRICATING ROLLERS

Title (de)
VERFAHREN UND VORRICHTUNG ZUR WALZENSCHMIERUNG

Title (fr)
PROCÉDÉ ET DISPOSITIF DE LUBRIFICATION DE CYLINDRES

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Abstract (en)
[origin: US2011094829A1] The invention relates to a method for lubricating rollers, particularly for lubricating the nip in a roll stand for a rolled strip, wherein water is supplied via at least one first supply line (1), and oil is supplied via a second supply line (2) to at least one mixing element (3). The water and oil are mixed in the mixing element (3), and the mixture of water and oil is supplied to a spraying element (4), by means of which the mixture is sprayed onto at least one working roller (5, 6) or support roller (12, 13) of a roll stand (7). In order to ensure a reproducible supply of the rollers with the water/oil mixture in an efficient manner, the invention proposes that a cleaning medium, such as hot water or water vapor be supplied via at least one third supply line (8) of one of the two other supply lines (1, 2), and/or of the mixing element (3) at defined time intervals, or as a function of a process status of the rolling process. The invention further relates to a device for lubricating rollers, particularly for carrying out the method.

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