

Title (en)  
GRINDING ROLL WITH A COOLING ARRANGEMENT

Title (de)  
MAHLWALZE MIT EINER KÜHLEINRICHTUNG

Title (fr)  
CYLINDRE BROYEUR AVEC DISPOSITIF DE REFROIDISSEMENT

Publication  
**EP 3291914 A1 20180314 (DE)**

Application  
**EP 16719840 A 20160426**

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Abstract (en)  
[origin: WO2016177603A1] The present invention relates to a grinding roller (11) for a rolling mill, which grinding roller is mounted on a grinding roller shaft (12) so as to be rotatable about its longitudinal axis, wherein the grinding roller shaft (2) has an axial bore (14) in which there is arranged a cooling device (10) which has at least one pipe (16, 20) which is arranged in the bore (14), wherein a first duct (18) for guiding a coolant is formed between the pipe (16, 20) and the inner surface of the bore (14) and a second duct (24) for guiding the coolant is formed within the pipe (16, 20), wherein the at least one pipe (16, 20) is formed from a plastic.

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See references of WO 2016177603A1

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