

Title (en)  
ROLL ASSEMBLY

Title (de)  
WALZENANORDNUNG

Title (fr)  
ENSEMBLE DE CYLINDRES

Publication  
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Application  
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Abstract (en)  
[origin: WO2016188681A1] The invention relates to a roll arrangement (100) for rolling rolling material in a rolling system. The roll arrangement comprises a roll (110) that is rotatably mounted by its roll journal (114) in a bearing bush (130) of a chock (120). A ring gap (180) for receiving a lubricant is formed between the bearing bush and the roll journal. The ring gap is sealed both on the ball side of the chock and on the side of the chock away from the balls, using sealing rings (140, 150). According to the invention, in order to increase the load capacity or the rolling force of a roll arrangement while maintaining or reducing the construction size thereof and without the roll arrangement overheating, discharge channels (132) are provided in a through-flow angular range ( $\beta$ ) of the bearing bush (130) for discharging the lubricant out of the ring gap (180) into an oil-receiving chamber (160, 170).

IPC 8 full level  
**B21B 31/07** (2006.01)

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Cited by  
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