

Title (en)  
BEARING ARRANGEMENT

Title (de)  
LAGERANORDNUNG

Title (fr)  
ENSEMBLE PALIER

Publication  
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Application  
**EP 18706209 A 20180205**

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Abstract (en)  
[origin: WO2018166711A1] The invention relates to a bearing arrangement (100) for supporting the shaft (200) or roller, which is immersed at least partially in molten metal outside a bearing (110). In addition, the invention also relates to a hot-dip coating system with such a bearing arrangement. Known bearing arrangements typically have an actual bearing (110) for rotatably supporting a shaft or a roller journal of a roller and a sealing device (120) for protecting the bearing arrangement and, in particular, the actual bearing against penetrating molten metal in the region of the shaft aperture. According to the invention, an induction pump is provided as a sealing device (120), wherein the shaft of the roller journal functions as an electromagnetic core for the induction coils (122) of the induction pump (120).

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