

Title (en)  
TOOLING FOR PRODUCING A METAL PRODUCT BY FEED CASTING

Title (de)  
WERKZEUG ZUR HERSTELLUNG EINES METALLPRODUKTS DURCH VORSCHUBGUSS

Title (fr)  
OUTILLAGE PERMETTANT LA FABRICATION D'UN PRODUIT EN METAL PAR COULEE EN CHARGE

Publication  
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Application  
**EP 17706583 A 20170127**

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Abstract (en)  
[origin: WO2017129922A1] The invention describes a tooling for producing a metal product by feed casting, comprising a mould comprising a preheater, an ingot mould (10), a movable bottom that moves in a main direction X and a transition ring (11) interposed between the preheater and the ingot mould (10). The tooling comprises a clamping ring (12) capable of transmitting a clamping force (F1) to the transition ring (11) oriented towards the ingot mould (10) in the main direction (X), a holding mechanism that positively locks the clamping ring (12) and is capable of exerting a holding force (F2) on the clamping ring (12) turned towards the transition ring (11) in the main direction (X), and an axial relief mechanism configured so as to vary between an inactive state in which the holding mechanism exerts said holding force (F2) on the clamping ring (12) such that the clamping ring (12) exerts said clamping force (F1) on the transition ring (11) and an active state in which the axial relief mechanism resists the action applied by the holding mechanism on the clamping ring (12) in the inactive state in such a way as to release the clamping ring (12) in the axial direction (X) and allow the clamping ring (12) to be taken out of the mould such that the transition ring (11) can be removed in the main direction on the opposite side of the ingot mould (10).

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