

Title (en)  
PRE-TREATMENT OF A THIXOTROPIC METAL BOLT

Title (de)  
VORBEHANDLUNG EINES THIXOTROPEN METALLBOLZENS

Title (fr)  
PRETRAITEMENT D'UNE BILLETTE THIXOTROPIQUE

Publication  
**EP 1242205 A1 20020925 (DE)**

Application  
**EP 00991167 A 20001212**

Priority  

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- EP 99811196 A 19991222

Abstract (en)  
[origin: EP1110643A1] Pretreatment device comprises a container for a metal bolt (10), an oven (20) for transferring the metal bolt in the container into a partially liquid thixotropic state, and a transporting device for transporting and feeding the thixotropic metal bolt into a casting chamber (30). The container is a cylindrical laterally closable heating tube (14) and the pretreatment device is formed in such a way that the metal bolt can remain in the heating tube during the whole pretreatment. An Independent claim is also included for a process for the preparation of a thixotropic metal bolt in a casting chamber of a thixoforming device Preferred Features: The heating tube is made of steel or a ceramic material.

IPC 1-7  
**B22D 17/00**; **F27D 3/12**; **F27B 9/32**

IPC 8 full level  
**B22D 17/00** (2006.01); **B22D 17/30** (2006.01); **F27B 9/32** (2006.01); **F27B 17/00** (2006.01); **F27D 3/12** (2006.01); **F27D 3/00** (2006.01)

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