

Title (en)  
COOLING DRUM FOR COOLING A THREAD PLUG

Title (de)  
KÜHLTROMMEL ZUM ABKÜHLEN EINES FADENSTOPFENS

Title (fr)  
TAMBOUR DE REFROIDISSEMENT SERVANT À REFROIDIR UN BOUCHON DE FILS

Publication  
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Application  
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Abstract (en)  
[origin: WO2017009122A1] The invention relates to a cooling drum for cooling a thread plug in texturing process. The cooling drum comprises a drivable cooling jacket, on the circumference of which at least one air-permeable guide track is designed for guiding the thread plug. A suction chamber is provided in the interior of the cooling jacket, which chamber is connected via a suction connection to a vacuum source. In this way, a stationary shielding means is provided, which is arranged between the cooling jacket and the suction chamber. In order to produce a suction flow which is as targeted as possible and affected by little loss, according to the invention, the shielding means is formed by a closed sealing jacket which is placed substantially coaxially spaced apart with the cooling jacket and has an air slot in the region of the guide track.

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