

Title (en)  
Water cooled furnace roller

Title (de)  
Wasserkühlbare Ofenrolle

Title (fr)  
Rouleau de four que l'on peut refroidir à l'eau

Publication  
**EP 1189004 B1 20061213 (DE)**

Application  
**EP 01119488 A 20010814**

Priority  
DE 10045251 A 20000913

Abstract (en)  
[origin: EP1189004A1] Water-cooled furnace roll comprises a shaft (3) which rotates outside of the furnace with cooling channels (4, 5); and supporting rings (7) arranged on the shaft using a bore (1) and forming a conveying plane. The contact surfaces on the inner diameter of the bore of the ring and/or on the outer diameter of the shaft are in the form of a polygonal profile with fitting surfaces (6, 6') of an approximate constant diameter as weak thickness. Preferred Features: The deviation of the fitting surfaces from the ideal circle is 4-5%. The supporting rings is made of one or more individual rings.

IPC 8 full level  
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