

Title (en)  
Dry transformer coil and dry transformer

Title (de)  
Trockentransformatorspule und Trockentransformator

Title (fr)  
Bobine de transformateur à sec et transformateur à sec

Publication  
**EP 2793244 B1 20150708 (DE)**

Application  
**EP 13002006 A 20130417**

Priority  
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Abstract (en)  
[origin: WO2014169997A1] The invention relates to a dry-type transformer coil (10), comprising at least two hollow-cylindrical windings (12, 14, 42, 44, 72, 74) which are nested one inside the other and are spaced radially apart, wherein axially (38, 64) extending cooling channels (30, 32, 34, 46, 48, 50, 88, 90, 92) which are arranged next to one another in at least three radially adjacent cooling channel planes (24, 26, 28) are formed by means of corresponding wall elements (18, 20, 22) in the hollow-cylindrical interspace (16) formed by the spacing. A narrowing element (36, 52, 54, 76, 78, 80) for narrowing the cooling channel cross section is arranged in at least one of the cooling channels located in a cooling channel plane that is neither radially on the inside (24) nor radially on the outside (28). The invention also relates to a dry-type transformer comprising a dry-type transformer coil according to the invention.

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