

Title (en)  
INDUCTOR AND INDUCTOR ARRANGEMENT

Title (de)  
INDUKTOR UND INDUKTORANORDNUNG

Title (fr)  
INDUCTANCE ET DISPOSITIF D'INDUCTANCE

Publication  
**EP 3329739 B1 20200930 (DE)**

Application  
**EP 16753290 A 20160801**

Priority  
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• EP 2016068336 W 20160801

Abstract (en)  
[origin: WO2017021373A2] An inductor (1) for induction heating comprises a feed line (8) and a return line (10) as well as a main winding part (2) which has at least one main winding (5) having a first winding sense. A counter-winding portion (3, 4) having a sense of winding opposite to that of the first sense of winding is contiguous to both ends of the main winding part (2). The main winding part (2) has more windings than at least one counter-winding portion (3, 4) and the counter-winding portions (3, 4), and the main winding part (2) are concentric to each other, each having a cylindrical shape. The main winding part (2) is directly connected to the counter-winding portions (3, 4) by means of a series circuit.

IPC 8 full level  
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