

Title (en)  
HIGH VOLTAGE COIL FOR AN IGNITION TRANSFORMER

Publication  
**EP 0565964 A3 19931103 (DE)**

Application  
**EP 93105438 A 19930401**

Priority  
DE 4212495 A 19920414

Abstract (en)  
[origin: EP0565964A2] A high-voltage coil for an emission transformer of an ignition system of an internal-combustion engine, having a coil former which is constructed approximately in the form of a hollow cylinder with straight sides and rounded edges. The coil former has separating webs 3 which bound the winding chambers 1 and are provided with chamber perforations 4. The winding is wound in groups in the winding chambers 1. The winding groups 6 are connected to one another via winding wire junctions which lead through the chamber perforations 4. The chamber perforations 4 are constructed starting from a point in the winding direction at the start of the curvature of an edge of the coil former. <IMAGE>

IPC 1-7  
**H01F 5/02**; **H01F 31/00**

IPC 8 full level  
**H01F 5/02** (2006.01); **H01F 27/32** (2006.01); **H01F 30/06** (2006.01); **H01F 38/12** (2006.01)

CPC (source: EP)  
**H01F 5/02** (2013.01); **H01F 38/12** (2013.01); **H01F 2005/022** (2013.01)

Citation (search report)  
• [A] US 4638282 A 19870120 - ELLISON DONALD E [US]  
• [AD] GB 2171562 A 19860828 - BOSCH GMBH ROBERT

Designated contracting state (EPC)  
DE ES FR GB IT SE

DOCDB simple family (publication)  
**EP 0565964 A2 19931020**; **EP 0565964 A3 19931103**; **EP 0565964 B1 19960327**; DE 4212495 A1 19931021; DE 59302011 D1 19960502; ES 2086149 T3 19960616; JP H0668954 A 19940311

DOCDB simple family (application)  
**EP 93105438 A 19930401**; DE 4212495 A 19920414; DE 59302011 T 19930401; ES 93105438 T 19930401; JP 10878793 A 19930413