

Title (en)
Coil

Title (de)
Spule

Title (fr)
Bobine

Publication
EP 2690634 B1 20201125 (DE)

Application
EP 13174571 A 20130701

Priority
DE 102012106863 A 20120727

Abstract (en)
[origin: EP2690634A2] The coil (1) has a coil main portion (10) provided with windings (20) of electrically conductive wire (2). The coil main portion is provided with a holding element (3) for the mechanical setting of a wire beginning region (21) and a wire end region (22). Electrical connectors (4,41,42) are provided at the wire beginning and end regions for connection with an electrical supply and discharge unit (6). The connectors are formed as separated components as the holding element. Independent claims are included for the following: (1) a set of connectors; and (2) a method for assembling the coil.

IPC 8 full level
H01F 5/04 (2006.01); **H01F 7/06** (2006.01)

CPC (source: EP)
H01F 5/04 (2013.01); **H01F 2007/062** (2013.01)

Citation (opposition)
Opponent : ETO MAGNETIC GmbH
• US 7902954 B2 20110308 - BAMBER DANIEL W [US], et al
• CN 202142367 U 20120208 - HANGZHOU KAMBAYASHI ELECTRONICS CO LTD
• JP 3952750 B2 20070801
• JP 2009224510 A 20091001 - SUMITOMO WIRING SYSTEMS
• US 7196606 B2 20070327 - SAWAZAKI NOBUYUKI [JP], et al
• CN 102606789 A 20120725 - SAGINOMIYA SEISAKUSHO INC
• DE 202005006010 U1 20050630 - HYDAC ELECTRONIC GMBH [DE]
• US 4728916 A 19880301 - FONTECCHIO ROBERT P [US], et al
• US 4166265 A 19790828 - HUGHES DONALD W [US], et al

Designated contracting state (EPC)
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