Title (en)

Coil for electric apparatus or electric machine.

Title (de)

Spule für elektrischen Apparat oder elektrische Maschine.

Title (fr)

Bobine pour appareil ou machine électrique.

Publication

EP 0028034 A1 19810506 (DE)

Application

EP 80200761 A 19800813

Priority

DE 2941178 A 19791011

Abstract (en)

Coil for an electric apparatus, particularly for physical heavy-current installations, having at least one conductor rod of a highly conductive material and an insulating layer surrounding the conductor rod. The cost for the supporting construction for absorbing the high forces occurring with a rapid current rise is reduced in that the coils themselves are provided with higher strength. This is achieved in that the conductor rod consists of a composite material, one component of the conductor rod consisting of a material of high conductivity but low strength. The second component of the conductor rod consists, on the other hand, of a curable, highly conductive material, e.g. copper-cobalt-beryllium. <IMAGE>

IPC 1-7

H01F 27/28; H01F 5/00; H01F 7/20

IPC 8 full level

H01F 5/00 (2006.01); **H01F 7/20** (2006.01); **H01F 27/28** (2006.01)

CPC (source: EP)

H01F 5/00 (2013.01); **H01F 7/202** (2013.01); **H01F 27/2847** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

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