

Title (en)

FILAMENTARY MATERIAL COIL AND PACKAGE AND METHOD OF WINDING MATERIAL INTO SUCH A COIL AND PACKAGE

Publication

EP 0104038 A3 19851218 (EN)

Application

EP 83305315 A 19830912

Priority

US 41697982 A 19820913

Abstract (en)

[origin: EP0104038A2] A wire coil (13) is spirally wound in layers in a package container (10) having a plurality of straight sides contacting the periphery of the coil. Upon completion of the winding of the coil, the layers of the coil are secured together by tie members (15) in a multiplicity of positions around the coil. The wire (12) fed to the container (10) has a cast larger than the outside diameter of the coil formed therefrom.

IPC 1-7

B65H 54/80; B65D 85/04

IPC 8 full level

B21C 47/04 (2006.01); **B21C 47/24** (2006.01); **B65D 85/04** (2006.01); **B65H 54/80** (2006.01)

CPC (source: EP)

B65D 85/04 (2013.01); **B65H 54/80** (2013.01)

Citation (search report)

- [XD] US 3822045 A 19740702 - JOHNSON T
- [Y] US 2943732 A 19600705 - KOVALESKI JOSEPH J, et al
- [Y] FR 1553005 A 19690110
- [A] FR 1232520 A 19601010 - THOMSON HOUSTON COMP FRANCAISE
- [A] FR 1330841 A 19630628 - FR DES EMBALLAGES VERMA SOC
- [A] FR 1236621 A 19600722 - DROPSY
- [A] US 3270978 A 19660906 - WHITACRE DONALD P
- [A] US 2220481 A 19401105 - FRITTS KENNETH M
- [A] GB 232071 A 19250416 - HUGH STEVENSON & SONS LTD, et al
- [AD] US 3014577 A 19611226 - BRUESTLE CARL O
- [A] US 2857116 A 19581021 - KRAFFT FREDERIC B, et al

Cited by

US5506381A; US5556551A

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0104038 A2 19840328; EP 0104038 A3 19851218; JP S5962475 A 19840409

DOCDB simple family (application)

EP 83305315 A 19830912; JP 16808583 A 19830912