

Title (en)
Thermoplastic drum

Title (de)
Kunststofffass

Title (fr)
Fût en matière thermoplatique

Publication
EP 1401071 B1 20080813 (DE)

Application
EP 03020309 A 20030909

Priority
DE 10242955 A 20020917

Abstract (en)
[origin: EP1401071A2] The body (2) integrates sections (15) of electrically-conductive plastic, forming an electrical connection between its inner- (17) and outer- (18) surfaces. The conductive sections are strips (16), their thickness being equal to the wall thickness of the body. They run parallel to the longitudinal axis (20-20) over the cylindrical casing (3) of the body. They run radially or diagonally under the base (4) and top (5). The drum has an inner- and an outer layer. It has a inner layer, middle layer and a permanently anti-static outer layer. A barrier layer intervenes between inner layer and middle layer. This is embedded in two bonding layers. An Independent claim is included for the corresponding method of manufacture.

IPC 8 full level
B65D 1/40 (2006.01); **H02B 1/28** (2006.01); **A62C 3/06** (2006.01); **B29C 47/04** (2006.01); **B29C 49/04** (2006.01); **B65D 1/12** (2006.01); **B65D 1/16** (2006.01); **B65D 3/22** (2006.01); **B65D 25/38** (2006.01); **B65D 90/46** (2006.01); **H02B 1/16** (2006.01); **H05F 3/00** (2006.01)

CPC (source: EP US)
B65D 1/12 (2013.01 - EP US); **B65D 11/06** (2013.01 - EP US); **A62C 3/065** (2013.01 - EP US); **B65D 2213/02** (2013.01 - EP US)

Cited by
AU2007251935B2; US8383219B2; WO2007134781A3

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

DOCDB simple family (publication)
EP 1401071 A2 20040324; EP 1401071 A3 20041103; EP 1401071 B1 20080813; CN 100431932 C 20081112; CN 1495101 A 20040512; DE 10242955 A1 20040325; DE 10242955 B4 20050310; DE 50310312 D1 20080925; DK 1401071 T3 20081215; ES 2309261 T3 20081216; MX PA03008197 A 20041129; NO 20034120 D0 20030916; NO 20034120 L 20040318; NO 328267 B1 20100118; RU 2003127941 A 20050310; RU 2258003 C2 20050810; US 2004079754 A1 20040429; US 7180721 B2 20070220

DOCDB simple family (application)
EP 03020309 A 20030909; CN 03124941 A 20030915; DE 10242955 A 20020917; DE 50310312 T 20030909; DK 03020309 T 20030909; ES 03020309 T 20030909; MX PA03008197 A 20030911; NO 20034120 A 20030916; RU 2003127941 A 20030916; US 66414403 A 20030917