Title (en)
  BUNG BARREL

Title (de)
  SPUNDFASS

Title (fr)
  FUT A BONDES

Publication
  EP 1149023 B2 20090902 (DE)

Application
  EP 00903525 A 20000113

Priority
  • DE 0000096 W 20000113
  • DE 19905898 A 19990211

Abstract (en)
  [origin: US6145694A] A barrel of thermoplastic material has a peripherally extending carrier and transportation ring in the region of its upper end portion and at least one plughole connection in the edge region of the latter. The bung hole connection is disposed within a housing which is let into the upper end portion. The housing is open at its side towards the edge of the barrel while at its other side it has a boundary end wall, from each of the two ends of which a respective wall extends towards the edge of the barrel, the walls laterally defining the housing. The walls defining the housing are delimited at the top side by a transition from the respective wall into the upper end portion of the barrel and at the lower end by a transition from the respective wall into the bottom of the housing. The spacing between the upper transitions of the two ends of the housing is greater than the spacing between the two lower transitions and the upper transitions diverge towards the edge of the barrel. The transitions between the side walls and the upper end portion of the barrel body on the one hand and the transitions between the side walls and the bottom of the housing on the other hand do not extend parallel. The transitions between the side walls and the upper end portion include an angle which is at least 120 DEG .

IPC 8 full level
  B65D 1/12 (2006.01); **B65D 1/20** (2006.01); **B65D 8/02** (2006.01)

CPC (source: EP KR US)
  B65D 1/20 (2013.01 - EP KR US)

Citation (opposition)
  Opponent :
  • EP 0291695 A2 19881123 - KAUTEX WERKE GMBH [DE]
  • EP 0515390 B1 19931229 - MAUSER WERKE GMBH [DE]
  • EP 0504718 A1 19920923 - SCHUETZ WERKE GMBH CO KG [DE]
  • DE 4016600 C2 19930715

Designated contracting state (EPC)
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DOCDB simple family (publication)
  US 6145694 A 20001114; AT E226542 T1 20021115; AU 2534300 A 20000829; BR 0008166 A 20020122; CA 2360328 A1 20000817;
  CN 1230357 C 20051207; CN 1341068 A 20020320; DE 19905898 A1 20000824; DE 50000674 D1 20021128; EP 1149023 A1 20011031;
  EP 1149023 B1 20021023; EP 1149023 B2 20090902; ID 30047 A 20011101; JP 2002536258 A 20021029; JP 4692864 B2 20110601;
  KR 100563793 B1 20060327; KR 20010103008 A 20011117; MX PA01008147 A 20021023; TR 200102291 T2 20011221;
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  US 48242700 A 20000113; AT 00903525 T 20000113; AU 2534300 A 20000113; BR 0008166 A 20000113; CA 2360328 A 20000113;
  CN 00803672 A 20000113; DE 0000096 W 20000113; DE 19905898 A 19990211; DE 50000674 T 20000113; EP 00903525 A 20000113;
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