

Title (en)

PLASTIC DRUM

Publication

EP 0132445 B1 19861029 (DE)

Application

EP 83107093 A 19830720

Priority

EP 83107093 A 19830720

Abstract (en)

[origin: EP0132445A1] 1. A plastic drum (1) which can be closed by a cover (2) and a clamping ring, wherein the cover engages in the barrel opening with an annular web (3) projecting vertically from the under side and engages over the drum opening with its outer edge (4) and a resilient sealing ring (6) is inserted in the annular groove thus formed in the cover, and wherein noses (9) projecting from the wall of the body of the drum below the drum opening and arranged distributed like segments at the circumference are provided as abutments for the clamping ring which, on the other hand, in the tightened state, rests on angular foot portions (11) of cover segments (10) extending downwards into the gaps between the noses of the body of the drum from the outer edge of the cover and so grips the cover on the rim of the drum in a kind of tooth system between segments of the body of the drum and of the cover, characterized in that the clamping ring is constructed in the form of a tension wire (13) consisting of a soft material which is plastically deformed beyond a certain tension which is below the limiting value for permanent deformation of the plastics drum and/or cover.

IPC 1-7

B65D 45/32

IPC 8 full level

B65D 43/02 (2006.01); **B65D 43/10** (2006.01); **B65D 55/08** (2006.01)

CPC (source: EP)

B65D 43/0268 (2013.01); **B65D 55/0872** (2013.01); **B65D 2543/005** (2013.01); **B65D 2543/00972** (2013.01)

Cited by

EP1246763A4; CN106829281A; WO0069741A1; WO2011023644A3

Designated contracting state (EPC)

CH DE FR GB LI NL

DOCDB simple family (publication)

EP 0132445 A1 19850213; **EP 0132445 B1 19861029**; DE 3367192 D1 19861204

DOCDB simple family (application)

EP 83107093 A 19830720; DE 3367192 T 19830720