

Title (en)
BARREL WITH BODY AND LID FORMED OF PLASTIC, AS WELL AS CLOSURE UNDER TENSION

Publication
EP 0315759 A3 19900328 (DE)

Application
EP 88115266 A 19880917

Priority
DE 3737884 A 19871107

Abstract (en)
[origin: JPH01267163A] PURPOSE: To absorb even an extreme load without fail by letting an upper U flange of a ring binder in contact with the range of an outer flange and a lower U flange of the binder in contact with a lower ring portion of the flange ring when a latch binder is closed. CONSTITUTION: An upper ring portion 15 of a flange ring 14 has been clamped from above by an outer flange region of a covered lid 2. When a latch binder was closed, an upper U flange 17 of the ring binder 12 has been in contact with the outer flange region of the covered lid 2, whereas a lower U flange 18 of the ring binder 12 has been in contact with the lower ring portion 16 of the flange ring 14. A contact with a special shape has been realized at that time. In other words, when the latch binder was closed, U flanges 17 and 18 of the ring binder 12 have been supported by the upper ring portion 15 through an outer wall 9 of matching groove and by the lower ring portion 16 directly. Accordingly, the range of independent load scarcely takes place at the ring portion and the U flanges of the ring binder even when the drum is hit, given a shock or dropped.

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IPC 8 full level
B65D 1/16 (2006.01); **B65D 43/02** (2006.01); **B65D 45/32** (2006.01)

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