

Title (en)
Composite paperboard container of optimized axial strength construction

Title (de)
Verbundpappe-Behälter mit optimierter axialer Festigkeit

Title (fr)
Récipient en carton laminé avec une construction optimisée de résistance axiale

Publication
EP 1103471 A1 20010530 (EN)

Application
EP 99309260 A 19991119

Priority
EP 99309260 A 19991119

Abstract (en)
Composite paperboard container constructions (10,11) providing optimized axial crush strength, related properties are formed of one, two, or three structural paperboard plies (20) that are arranged to form a layered body wall (18) having a cross-section of the construction; high strength paperboard layer (30)/low strength paperboard layer (34)/high strength paperboard layer (32). Preferably, the container body (10,11) is formed of one or two structural plies and at least one structural ply (20) is a multiple layer paperboard having both high strength (30,32) and low strength paperboard layers (34). <IMAGE>

IPC 1-7
B65D 3/22

IPC 8 full level
B65D 3/22 (2006.01)

CPC (source: EP)
B65D 3/22 (2013.01)

Citation (applicant)

- US 3892351 A 19750701 - JOHNSON CHARLES LOUIS, et al
- US 382446 A 18880508
- US 5505395 A 19960409 - QIU YANPING [US], et al
- US 5393582 A 19950228 - WANG YIMING [US], et al
- US 5431619 A 19950711 - BACON JOHN E [US], et al

Citation (search report)

- [AD] US 5505395 A 19960409 - QIU YANPING [US], et al
- [AD] US 5393582 A 19950228 - WANG YIMING [US], et al
- [A] EP 0631963 A1 19950104 - SONOCO PRODUCTS CO [US]
- [A] GB 1190961 A 19700506 - BOISE CASCADE CORP [US]
- [A] US 3687351 A 19720829 - KAERCHER RALPH WILLIAM, et al

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