

Title (en)

AN EQUIPMENT AND PROCESS FOR THE PRODUCTION OF OPEN-TOP CONTAINERS AND RELATED CONTAINERS

Publication

EP 0479110 A3 19920701 (EN)

Application

EP 91116339 A 19910925

Priority

IT 2162390 A 19901002

Abstract (en)

[origin: EP0479110A2] An equipment for the production of open-top containers made of paperboard or the like, starting from punched sheets, comprises means (5) to feed the sheets from a pile (2) to a bending position (A), along a track (4) and as far as a positioning retainer; means (7) to apply a bonding agent to the sheet during its feeding along the track (4); a mandrel (8) having slanting side surfaces, vertically movable to fold the sheet with the cooperation of pressing rollers (10) and bending rods (11), as well as driving and supporting means (9) to pile up and mutually inserting the containers formed on top of the mandrel. The invention further relates to a corresponding container forming process and to the open-top container having a top opening larger than the base thereof. <IMAGE>

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B31B 3/46

IPC 8 full level

B31B 3/46 (2006.01)

CPC (source: EP US)

B31B 50/00 (2017.08 - EP); **B31B 50/28** (2017.08 - EP US); **B31B 50/46** (2017.08 - EP); **B31B 50/60** (2017.08 - EP)

Citation (search report)

- [Y] GB 225594 A 19241202 - SARANAC AUTOMATIC MACHINE CORP
- [Y] GB 2103145 A 19830216 - METAL BOX PLC [GB]
- [A] US 4522618 A 19850611 - STANNARD CHARLES G [US]
- [A] US 1534569 A 19250421 - CHARLES BUTTERFIELD
- [A] FR 2226844 A6 19741115 - SIEMCO SA [FR], et al
- [A] DE 68958 C

Cited by

CN107627664A

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EP 0479110 A2 19920408; **EP 0479110 A3 19920701**; ES 2032725 T1 19930301; IT 1243066 B 19940523; IT 9021623 A0 19901002; IT 9021623 A1 19920402

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