

Title (en)

APPARATUS FOR MAKING A CONTAINER FROM A FLAT BLANK

Publication

EP 0162119 B1 19870722 (DE)

Application

EP 84105079 A 19840505

Priority

EP 84105079 A 19840505

Abstract (en)

[origin: US4669253A] Rectangular blanks of laminated cardboard are converted into containers for foodstuffs or the like in an apparatus wherein the central portion of a blank is clamped between two coaxial tools one of which has a concave blank-contacting surface and the other of which has a complementary convex blank-contacting surface. The tools can enter the cavity of a matrix with edges at one end of the cavity serving to cooperate with edges bounding the surfaces of the two tools so as to define pronounced boundaries between the clamped portion and the adjacent outer portions of the blank. The tool with the concave front surface is caused to penetrate into the cavity and to push the other tool in front of it whereby the outer portions of the blank are converted into a pair of sidewalls with convex outer sides. The thus deformed blank is expelled from the cavity of the matrix and is transported to a series of additional stations where certain marginal portions of the sidewalls are partially bonded to each other, where the containers receive supplies of filler material and where the containers are finally sealed along the remaining marginal portions of the sidewalls.

IPC 1-7

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CPC (source: EP KR US)

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Cited by

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EP 0162119 A1 19851127; **EP 0162119 B1 19870722**; AT 398744 B 19950125; AT A117585 A 19940615; CA 1234505 A 19880329; DE 3464877 D1 19870827; JP S60244528 A 19851204; KR 850008293 A 19851216; KR 880001937 B1 19881004; US 4669253 A 19870602

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