Title (en)

Stripping of cans in closing machines

Title (de)

Dosenabstreifer in Verschliessmaschinen

Title (fr)

Retirage des bôites dans machines de fermeture

Publication

EP 0664171 B1 20000712 (DE)

Application

EP 94105287 A 19940405

Priority

DE 4401446 A 19940119

Abstract (en)

[origin: US6123493A] Tooling for use with a folded cover seaming machine having a seaming chuck with a profile and a corresponding movable seaming roller formed with a mating profile operable to couple a can end to the walls of a can. The cross sectional thickness of the seaming roller in the transition area is reduced and the corresponding cross sectional thickness of the seaming chuck is increased. The increased thickness of the seaming chuck provides additional strength thereby reducing the occurrence of structural defects or fissures in the seaming chuck. The deceased thickness of the seaming roller provides a contour which minimizes the possibility of damage to cans and jamming of the seaming machine due to jamming in cases where no can end is supplied.

IPC 1-7

B21D 51/32

IPC 8 full level

B21D 51/32 (2006.01)

CPC (source: EP US)

B21D 51/32 (2013.01 - EP US)

Cited by

WO2012143263A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)

US 6123493 A 20000926; AT E194523 T1 20000715; DE 4401446 A1 19950720; DE 59409442 D1 20000817; DK 0664171 T3 20001113; EP 0664171 A1 19950726; EP 0664171 B1 20000712; ES 2149831 T3 20001116

DOCDB simple family (application)

US 24112999 A 19990201; AT 94105287 T 19940405; DE 4401446 A 19940119; DE 59409442 T 19940405; DK 94105287 T 19940405; EP 94105287 A 19940405; ES 94105287 T 19940405