

Title (en)

Stripping of cans in closing machines

Title (de)

Dosenabstreifer in Verschliessmaschinen

Title (fr)

Retirage des bôîtes dans machines de fermeture

Publication

EP 0664171 B1 20000712 (DE)

Application

EP 94105287 A 19940405

Priority

DE 4401446 A 19940119

Abstract (en)

[origin: EP0664171A1] The machine uses seaming rollers (15). The cross-section, in the transition zone between the shoulder (17) and roller section (18), of considerably larger dia. is noticeably reduced without any reduction in this dia. The cross-section of the connecting zone between the seaming chuck lip (9, 9a) and central region (8) of the seaming chuck on the side of the undercut (21, 22) is correspondingly increased.

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