

Title (en)

Container seaming control cam with deformation gauges

Title (de)

Steuernocke mit Dehnungsmesselementen zur Behälter Falzung

Title (fr)

Came de commande de sertissage de conteneur munie de jauges de déformation

Publication

EP 1002597 B1 20030528 (FR)

Application

EP 99402774 A 19991108

Priority

FR 9814418 A 19981117

Abstract (en)

[origin: EP1002597A1] The active sector (4) of the container crimping cam (3) has an internal profile defining a flat zone (12) between two deep indentations (8) receiving deformation gages. The gauges are used to produce a signal controlling the cam force. The signals from the gages are processed by an analysis device to produce a signal representative of the force exerted by the cam on the control roller. Lr, Ls and Lu designate the length of the rigid part at the center of the machined part, the length of the sensitive part of the cam and the length of the machine part respectively. hr and hs designate the thickness of the thinned zone and the height of material constituting the cam profile. These distances are related by : $0.75 \leq Lr/Ls \leq 0.80$ $1.75 \leq Lu/Ls \leq 1.80$ and $hr/hs \geq 3.2$

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