

Title (en)
METHOD AND DEVICE FOR MANUFACTURING A SEAL DIAPHRAGM

Publication
EP 0274001 B1 19900725 (DE)

Application
EP 87109383 A 19870630

Priority
DE 3700241 A 19870107

Abstract (en)
[origin: EP0274001A1] 1. Device for manufacturing a deep-drawn seal diaphragm (7) for cans and other small containers, with a female mould (M) and a male mould (P) for forming a can cover part (8) insertable in the can body, a securing element (L) for a diaphragm collar (9) extending over the can rim, and a severing tool (T) which, from the inside, almost completely severs the diaphragm collar (9) from the can cover part (8), characterised by an annular cutting knife (1) made of spring steel as the severing tool (T), said knife having a cutting edge (2) at its external circumference and being constructed as a cup spring, and being shaped so as to extend upwards from the cutting edge (2) to its inside aperture (3), and by a press ram (5) which is adapted to be moved perpendicularly to the projection plane of the annular cutting knife (1) and, as it moves, forces the cutting edge (2) outwards.

IPC 1-7
B21D 51/44

IPC 8 full level
B21D 51/44 (2006.01)

CPC (source: EP)
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