

## Title (en)

IMPROVEMENTS TO MACHINES FOR CONE-SHAPING AND FLANGING OF AEROSOL CANS AND SIMILAR

## Publication

**EP 0275369 A3 19881117 (EN)**

## Application

**EP 87115157 A 19871016**

## Priority

- IT 1912187 A 19870121
- IT 2132187 A 19870716

## Abstract (en)

[origin: EP0275369A2] A machine (2) for the cone-shaping of cans (16), of aerosol type, or similar, presents improvements in its basic parts. In particular, in it the rotator (38) holding the pliers (39) and the plate (53) holding dies (45) and spindles (65) are rapidly interchangeable, and all operations of replacement of the drums (11) of loading and (71) of discharge and the regulating shims (10) and filling of the feed lung are also rapid. The same machine, equipped with means of control and safety, is ready to be interfaced with an electronic line processor. To said machine are preferably coupled pliers (39) in which a pushing means (104) is equipped with a calibrated force sufficient to keep permanently in contact the ejector piston (106) with the bottom (108) of an object or can (16), fixed in position in a special seat (102). In said position the object (16) is held by peripheral pliers (107). Said calibrated force of the pusher (104) keeps the extractor piston (106) in contact with the bottom (108) also when the object (16) must undergo undesired displacements, in which case a proximity sensor (109) is capable of detecting the corresponding alignment displacement of a reference (118), integral to the same piston (106) and intervening on the stopping means of the operating machines.

## IPC 1-7

**B21D 51/26**

## IPC 8 full level

**B21D 51/26** (2006.01)

## CPC (source: EP)

**B21D 51/2615** (2013.01); **B21D 51/2638** (2013.01)

## Citation (search report)

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## Designated contracting state (EPC)

AT BE CH DE ES FR GB GR LI LU NL SE

## DOCDB simple family (publication)

**EP 0275369 A2 19880727**; **EP 0275369 A3 19881117**; **EP 0275369 B1 19920520**; DE 3779290 D1 19920625; ES 2030635 T1 19921116; ES 2030635 T3 19930101

## DOCDB simple family (application)

**EP 87115157 A 19871016**; DE 3779290 T 19871016; ES 87115157 T 19871016