

Title (en)

Can body making apparatus.

Title (de)

Vorrichtung zum Herstellen von Blechdosenkörpern.

Title (fr)

Machine à fabriquer les corps de boîtes.

Publication

**EP 0297596 A2 19890104 (EN)**

Application

**EP 88110508 A 19880630**

Priority

- US 6984087 A 19870701
- US 12628087 A 19871130

Abstract (en)

A redraw apparatus is provided for a can body making apparatus wherein the redraw carriage of the redraw apparatus is mounted for substantially friction-free sliding reciprocating movement over a pair of spaced apart support posts which are fixedly mounted on the housing holding the can forming and ironing dies. Also, a counterbalancing system is provided for applying a force to counterbalance the weight of a portion of structures used to reciprocate the redraw carriage. Additionally, a ram assembly is provided for supporting a ram for movement through the redraw apparatus and the can forming and ironing dies wherein a pair of spaced apart elongated shafts are fixedly mounted and a ram carriage having the ram attached thereto is provided with liquid bearings for mounting the ram carriage on the elongated shafts for substantially friction free movement thereover. A guide liquid bearing is also used to ensure proper alignment of the ram.

IPC 1-7

**B21D 22/30**; **B21D 51/26**

IPC 8 full level

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CPC (source: EP KR)

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Cited by

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**EP 92121016 A 19880630**; AU 1852688 A 19880629; CA 570907 A 19880630; CN 88104013 A 19880701; EP 88110508 A 19880630; JP 16478488 A 19880701; KR 880008193 A 19880630