

Title (en)

Can body making apparatus.

Title (de)

Vorrichtung zur Herstellung eines Dosenkörpers.

Title (fr)

Appareil de fabrication de corps de boîte.

Publication

EP 0536812 A2 19930414 (EN)

Application

EP 92121016 A 19880630

Priority

- US 6984087 A 19870701
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Abstract (en)

A redraw apparatus is provided for a can body making apparatus wherein the redraw carriage (40) of the redraw apparatus is mounted for substantially friction-free sliding reciprocating movement over a pair of spaced apart support posts (70,72) which are fixedly mounted on the housing (18) holding the can forming and ironing dies. Also, a counterbalancing system (110) is provided for applying a force to counterbalance the weight of a portion of structures used to reciprocate the redraw carriage (40). Additionally, a ram assembly (150) is provided for supporting a ram (14) for movement through the redraw apparatus and the can forming and ironing dies wherein a pair of spaced apart elongated shafts (154,156) are fixedly mounted and a ram carriage (12) having the ram attached thereto is provided with liquid bearings (180,182) for mounting the ram carriage (12) on the elongated shafts (154,156) for substantially friction free movement thereover. A guide liquid bearing is also used to ensure proper alignment of the ram.

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CPC (source: EP KR)

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