ABSTRACT

162162

The automatic compact can crusher is a compact unit to be placed on top of the recycling bin **10**.

The driving mechanism **30** with a gearbox and a linear shaft **90** attached is a standard item and is available from commercial supplier.

The movements are controlled by means of a driving mechanism **60** attached with a linear gearbox. An electrical circuit using electronics components is used to activate and control the forward and reverse actions of the linear shaft. The linear shaft **90** with a crushing pad **50** attached will then crushed the cans.

Another aspect of the invention is the use of magnet **60** to sort out the steel cans. Magnets **60** are placed beside the crushing pad **50** to attract the steel cans. These steel cans will then be removed by the magnets **60** from the crushing bay **50** during the return stroke.

Refer to Figure 1.

G00002