

DIE CASTING SYSTEM AND METHOD UTILIZING SACRIFICIAL CORE

ABSTRACT OF THE DISCLOSURE

5 A method for die casting a component includes inserting at least one sacrificial
core into a die cavity of a die comprised of a plurality of die elements. Molten metal
is injected into the die cavity. The molten metal is solidified within the die cavity to
form the component. The plurality of die elements are disassembled from the
component, and the at least one sacrificial core is destructively removed from the
10 component.

Figure 1