

DIE CASTING OF COMPONENT HAVING INTEGRAL SEAL

ABSTRACT OF THE DISCLOSURE

5 A method of die casting a component having an integral seal includes defining
a first portion of a die cavity of a die to include an open cell structure. A second
portion of the die is defined without the open cell structure. Molten metal is injected
into the die cavity, and the molten metal is solidified within the die cavity to form the
component having the integral seal.

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Figure 1