

METHOD AND SYSTEM FOR DIE CASTING
A HYBRID COMPONENT

5 **ABSTRACT OF THE DISCLOSURE**

A method for die casting a hybrid component includes defining a cavity within a die element of a die and inserting a spar into the cavity. Molten metal is injected into the die element. The molten metal is solidified within the cavity to cast the hybrid component. The spar establishes an internal structure of the hybrid component. The spar includes a high melting temperature material that defines a first melting temperature greater than a second melting temperature of the molten metal.

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Figure 1