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Meseha et al.

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[54] **MOLTEN METAL DEGASSING AND FILTERING APPARATUS**

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[57] ABSTRACT

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[51] Int. Cl.⁶ **C22B 9/02**

Molten metal (e.g., on its way to a continuous casting machine for forming a bar that will be rolled into a rod to be drawn down to wire) is filtered to remove particulate impurities by passing it through at least one and preferably several ceramic filters. In addition, the molten metal is degassed by injecting a flushing gas into the metal through one or more porous plugs in the bottom of the chamber through which the molten metal flows. A partial vacuum column above each porous plug is used to help pull gas up through and out of the metal.

[52] U.S. Cl. **266/208; 75/411; 75/648;**

266/227

[58] Field of Search **266/208, 227;**
75/648, 411

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15 Claims, 1 Drawing Sheet

