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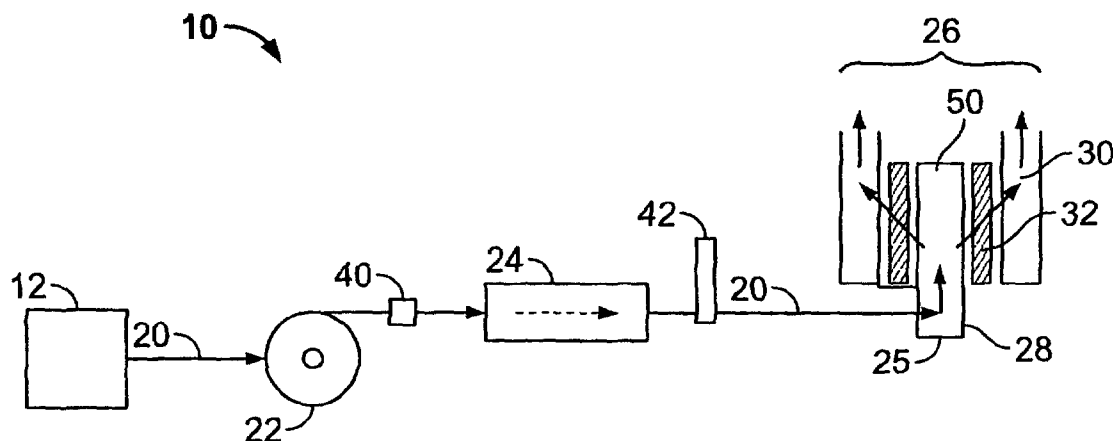
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(54) Title: GAS SINTERED CARBON BLOCK AND METHOD



(57) Abstract: The present invention relates to an effective and rapid method (10) and apparatus for sintering carbon filter blocks having a polymeric binder. The method employs direct contact heat transfer by gas (20) molecule to powder particle (32), as opposed to conduction heat transfer from an external heating source, using commercially available sintered porous metal sheets and cylinders to form the mold (26) and confine the powder (32), while allowing heated gas (20) to pass uniformly through the mixture.

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