

CHANNEL ELECTRIC INDUCTOR ASSEMBLY

Abstract of the Disclosure

5 The present invention relates to an electric channel inductor assembly and method of forming an electric channel inductor assembly. A nonremovable, hollow, nonmagnetic channel mold is used to form the one or more flow channels of the assembly. A heated fluid medium is circulated in the hollow interior of the mold after the mold is situated in the assembly to heat treat the refractory surrounding the exterior walls of the mold. After heat treatment a liquid is supplied to the hollow interior of the mold to chemically dissolve the mold.

