

Permanent magnet, and method for manufacturing a permanent magnet

KJELDSTEEN, SØGAARD AND BENDIXEN, 2009. PATENT – EP2374200B1

Keywords: Epoxy free magnet, Incapsulated, corrosion resistant

A permanent magnet, in particular a permanent magnet rotor for a machine, includes a first sleeve, a first cap and a second cap arranged to close off an inner opening of the first sleeve, and a permanent magnet material formed in the inner opening of the sleeve between the first cap and the second cap. The permanent magnet material is a compressed, non-bonded powder material including hard magnetic powder material, soft magnetic powder material, or a combination of hard and soft magnetic powder material. A method for manufacturing a permanent magnet rotor is also provided.

[Read more here.](#)