

Abstract**METHOD FOR THE PRODUCTION OF MAGNET CORES,
MAGNET CORE AND INDUCTIVE COMPONENT WITH A
MAGNET CORE**

A magnet core (1) made of a composite of platelet-shaped particles of a thickness D and a binder has a particularly linear relative permeability curve over a pre-magnetised constant field. For this purpose, the platelet-shaped particles (5) are provided with an amorphous volume matrix (8), wherein areas (9) with a crystalline structure having a thickness d of $0.04 * D \leq d \leq 0.25 * D$ and covering a proportion x of $x \geq 0.1$ of the surface (6, 7) of the particle (5) are embedded on the surface (6, 7) of the particle (5).

[Figure 3]