

Title (en)

Dimensioning of a magnet arrangement with an additional current carrying coil system

Title (de)

Dimensionierung einer Magnetanordnung mit einem zusätzlichen stromführenden Spulensystem

Title (fr)

Dimensionnement d'un agencement d'aimants avec un système supplémentaire de bobines parcourues par un courant

Publication

EP 1182462 B1 20060607 (DE)

Application

EP 01115747 A 20010709

Priority

DE 10041672 A 20000824

Abstract (en)

[origin: EP1182462A2] The method involves computing the parameter corresponding to the field change in the working volume per Amp of current in the additional coil system (D) with $z = 0$ by taking into account the magnetic fields generated by currents induced in the rest of the magnet arrangement (M,P1), where z is the distance along the z -axis (z). An Independent claim are also included for a magnet arrangement.

IPC 8 full level

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