

Title (en)

Magnetic core with plate-shaped stray body and inductive component

Title (de)

Magnetkern mit plattenförmigem Streukörper und induktives Bauelement

Title (fr)

Noyau magnétique avec corps parasite en forme de plaque et composant inductif

Publication

**EP 2924697 B1 20210224 (DE)**

Application

**EP 15156744 A 20150226**

Priority

DE 102014205560 A 20140326

Abstract (en)

[origin: CN104952591A] The invention provides a plate scattering body as an insert in the magnetic core of an inductive component, a magnetic core with a plate scattering body and an inductor in different aspects. In this case, a plate-shaped diffuser is provided as an insert in a magnetic core which is penetrated very low magnetic permeability along its thickness direction of at least one spacer (compared to the rest of the material of the scattering body). In a magnetic core according to one aspect of the invention, core leg are arranged on mutually opposing bearing surfaces of the plate scattering body, a scatter path between the core arms is provided by the plate scattering body.

IPC 8 full level

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Citation (examination)

- JP 2006310811 A 20061109 - HITACHI METALS LTD
- US 4257025 A 19810317 - HARELAND INGVAR

Cited by

CN111699535A; RU2758707C1; WO2020083651A1

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DOCDB simple family (publication)

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