

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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CPC (source: EP US)

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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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