

Title (en)
COMPONENT FORMING AT LEAST TWO INDUCTANCES

Title (de)
BESTANDTEIL MIT MINDESTENS ZWEI INDUKTIVITÄTEN

Title (fr)
COMPOSANT FORMANT AU MOINS DEUX INDUCTANCES

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Application
EP 19726453 A 20190529

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Abstract (en)
[origin: WO2019233880A1] The invention relates to a component (1) forming at least two inductances (12), the component (1) comprising: - a structure (2) made of a magnetically conductive material, comprising: a base (7), a cover (8), at least one first leg (9) extending continuously between the base (7) and the cover (8) and at least two second legs (10), each second leg (10) extending between the base (7) and the cover (8) so that a magnetic flux circulating between the base (7) and the cover (8) via said second leg (10) passes through at least one air gap, and - an electrically conductive element (3) defining an electrical input (4) for the component and an electrical output (5) for the component, wherein the electrically conductive element (3) and the structure (2) cooperate so as to define at least two inductances (12), each inductance (12) having a magnetic flux circulating between the base (7) and the cover (8): - in a first leg (9), and - in a second leg (10) dedicated to said inductance (12).

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