

Title (en)

INDUCTIVE COMPONENT AND METHOD FOR SETTING AN INDUCTIVITY VALUE

Title (de)

INDUKTIVES BAUELEMENT UND VERFAHREN ZUR EINSTELLUNG EINES INDUKTIVITÄTSWERTES

Title (fr)

COMPOSANT INDUCTIF ET PROCÉDÉ DE RÉGLAGE D'UNE VALEUR D'INDUCTANCE

Publication

**EP 4032108 A1 20220727 (DE)**

Application

**EP 20775254 A 20200917**

Priority

- DE 102019125402 A 20190920
- EP 2020075971 W 20200917

Abstract (en)

[origin: WO2021053068A1] The invention relates to a component (1) comprising a wire winding (3) surrounded by a magnetic foil (2). According to the method for setting an inductivity value, a magnetic foil (2) is wound around wire winding (3). The number of layer of the wound film (2) can be selected in accordance with the desired value of the inductance (L).

IPC 8 full level

**H01F 5/02** (2006.01); **H01F 17/02** (2006.01); **H01F 17/04** (2006.01); **H01F 19/02** (2006.01); **H01F 21/00** (2006.01); **H01F 27/36** (2006.01); **H01F 41/02** (2006.01)

CPC (source: CN EP IL KR US)

**H01F 5/02** (2013.01 - EP IL KR); **H01F 17/02** (2013.01 - EP IL KR); **H01F 17/045** (2013.01 - EP IL KR); **H01F 19/02** (2013.01 - IL KR); **H01F 21/00** (2013.01 - IL KR); **H01F 21/12** (2013.01 - CN); **H01F 27/24** (2013.01 - US); **H01F 27/2823** (2013.01 - US); **H01F 27/2885** (2013.01 - US); **H01F 27/324** (2013.01 - CN EP IL KR US); **H01F 27/361** (2020.08 - CN EP IL KR); **H01F 27/366** (2020.08 - EP IL KR); **H01F 41/00** (2013.01 - CN); **H01F 41/022** (2013.01 - EP IL KR); **H01F 41/079** (2016.01 - US); **H01F 41/125** (2013.01 - US); **H01F 19/02** (2013.01 - EP); **H01F 21/00** (2013.01 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2021053068 A1 20210325**; BR 112022001853 A2 20220621; CN 114450764 A 20220506; EP 4032108 A1 20220727; IL 291399 A 20220501; JP 2022548926 A 20221122; KR 20220062644 A 20220517; US 2022336150 A1 20221020

DOCDB simple family (application)

**EP 2020075971 W 20200917**; BR 112022001853 A 20200917; CN 202080065650 A 20200917; EP 20775254 A 20200917; IL 29139922 A 20220315; JP 2022517481 A 20200917; KR 20227013037 A 20200917; US 202017761886 A 20200917