

Title (en)
VOLTAGE TRANSFORMER

Title (de)
SPANNUNGSWANDLER

Title (fr)
CONVERTISSEUR DE TENSION

Publication
EP 4078631 A1 20221026 (DE)

Application
EP 20839129 A 20201230

Priority
• DE 102020201100 A 20200130
• EP 2020088028 W 20201230

Abstract (en)
[origin: WO2021151614A1] The invention relates to a voltage transformer (1). The voltage transformer (1) comprises at least one magnetic core (9) having a winding leg (12) about which windings of the voltage transformer (1) are arranged, a base leg (13) spaced apart from the winding leg (12), and two side legs (14) which each connect the winding leg (12) and the base leg (13). The voltage transformer (1) further comprises a cover (3), which has, for each magnetic core (9), a positioning mount (21) in which the magnetic core (9) is positioned on the cover (3), and, for each magnetic core (9), a holder (11) having two frame elements (23) which are spaced apart from one another and extend on opposite sides of the magnetic core (9) along the two side legs (14) and the base leg (13) and are each connected to the cover (3).

IPC 8 full level
H01F 27/26 (2006.01); **H01F 27/28** (2006.01); **H01F 38/26** (2006.01)

CPC (source: EP KR)
H01F 27/263 (2013.01 - EP KR); **H01F 27/266** (2013.01 - EP KR); **H01F 27/2885** (2013.01 - EP KR); **H01F 38/26** (2013.01 - EP KR)

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
DE 102020201100 A1 20210805; CN 115151986 A 20221004; EP 4078631 A1 20221026; JP 2023514507 A 20230406;
JP 7439272 B2 20240227; KR 20220129075 A 20220922; WO 2021151614 A1 20210805

DOCDB simple family (application)
DE 102020201100 A 20200130; CN 202080095301 A 20201230; EP 2020088028 W 20201230; EP 20839129 A 20201230;
JP 2022545155 A 20201230; KR 20227029427 A 20201230