

Title (en)
PRESS FRAME STRUCTURE FOR A TRANSFORMER

Title (de)
PRESSRAHMENSTRUKTUR FÜR TRANSFORMATOR

Title (fr)
STRUCTURE DE CADRE DE SERRAGE POUR TRANSFORMATEUR

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Application
EP 12756002 A 20120904

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• EP 2012067204 W 20120904

Abstract (en)
[origin: WO2013045228A1] What is proposed is: A press frame structure for a transformer which has tensioning elements (302), which are arranged outside the windings (201) of the transformer and are connected via struts (301) to tensioning press plates (304). The tensioning press plates (304) are arranged in the vicinity of or at the core of the transformer. Optionally, the tensioning elements (302) and/or the tensioning press plates (304) can be formed from an electrically insulating material. In this case, it is advantageous that, firstly, the eddy currents and therefore losses during operation of the transformer can be reduced and, secondly, additional degrees of freedom for the design of the transformer are provided. The invention can be used for high-power transformers, for example.

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