

Title (en)
Line transformer for television receivers.

Title (de)
Zeilentransformator für Fernsehgeräte.

Title (fr)
Tranformateur de lignes pour récepteurs de télévision.

Publication
EP 0082966 A1 19830706 (DE)

Application
EP 82111028 A 19821129

Priority
DE 3151642 A 19811228

Abstract (en)
1. Horizontal output transformer for television receivers, consisting of at least one primary and at least one secondary winding with an inhomogeneous winding-density distribution, wherein the primary and secondary windings are tuned in such a way that the secondary AC high voltage contains in particular odd harmonics equal to or greater than the fifth order of the fundamental wave and wherein fine tuning is effected by an inhomogeneous winding-density distribution of the high voltage winding, characterized in that at least the winding (1) of the primary winding (A) consists of a metal foil with an interposed plastic foil serving as an insulation and that coarse tuning is effected by fixing of the width (L), the axial position (W) and/or the radial position (R1, R2) of the metal foil of the primary winding (A).

Abstract (de)
Zeilentransformator mit wenigstens einer Primär- und wenigstens einer Sekundärwicklung, bei dem wenigstens die Primärwicklung aus einer metallischen Folie und einer Kunststoffolie gewickelt ist. Die Abstimmung der sekundären Wechselhochspannung auf ungradzahlige Harmonische ≥ 5 . Ordnung der Grundwelle erfolgt durch eine Grob- und eine Feinabstimmung.

IPC 1-7
H04N 5/657; **H01F 27/28**

IPC 8 full level
H01F 38/42 (2006.01)

CPC (source: EP)
H01F 38/42 (2013.01); **H01F 2005/022** (2013.01)

Citation (search report)
• DE 2504355 A1 19750814 - HITACHI LTD
• DE 2944220 A1 19810507 - LICENTIA GMBH [DE]
• DE 2607368 A1 19770825 - LICENTIA GMBH

Cited by
EP0991091A1; FR2783965A1; EP0735552A1; US5844793A; US6211766B1

Designated contracting state (EPC)
DE FR IT NL

DOCDB simple family (publication)
EP 0082966 A1 19830706; **EP 0082966 B1 19850925**; DE 3151642 A1 19830714; DE 3266581 D1 19851031; ES 518626 A0 19831001; ES 8309051 A1 19831001; FI 824335 A0 19821216; FI 824335 L 19830629

DOCDB simple family (application)
EP 82111028 A 19821129; DE 3151642 A 19811228; DE 3266581 T 19821129; ES 518626 A 19821228; FI 824335 A 19821216