

Title (en)
TRANSFORMERS FOR INTERMITTENT OPERATION AT CLOCK FREQUENCIES

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EP 0415495 A3 19920415 (DE)

Application
EP 90202283 A 19900827

Priority
DE 3928792 A 19890831

Abstract (en)
[origin: EP0415495A2] The invention relates to a transformer for intermittent operation at a clock frequency, having a three-limbed core (12) consisting of iron oxide-ceramic, whose limbs (13, 15, 17) form windows (18, 19) through which primary and secondary windings (21, 23) are passed, the superimposed primary and secondary windings (21, 23) being isolated from one another by means of an earthed capacitive screen (2). The capacitive screen (2) consists of conductive screening conductor strips (5a, 5b) which are arranged parallel to one another, spaced apart on an insulating film (1), and are connected to one another by means of a connecting conductor strip (7a, 7b), ends (9a, 9b) of the screening conductor strips (5a, 5b) which lie side-by-side being electrically open-circuit, at least at one screening conductor strip end (9a, 9b). <IMAGE>

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H01F 27/00 (2013.01 - KR); **H01F 27/36** (2013.01 - EP); **H01F 27/363** (2020.08 - EP KR US)

Citation (search report)
• [Y] GB 2052166 A 19810121 - PHILIPS NV
• [XP] EP 0364171 A2 19900418 - MATSUSHITA ELECTRIC IND CO LTD [JP]
• [Y] PATENT ABSTRACTS OF JAPAN vol. 5, no. 181 (E-83)(853) 20. November 1981 & JP-A-56 108 218 (NIPPON DENKI) 27. August 1981
• [A] PATENT ABSTRACTS OF JAPAN vol. 13, no. 169 (C-587)21. April 1989 & JP-A-63 319 254 (TOKIN) 27. Dezember 1988

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