

Title (en)
Electromagnetic induction apparatus.

Title (de)
Elektromagnetischer Induktionsapparat.

Title (fr)
Appareil d'induction électromagnétique.

Publication
EP 0216500 A1 19870401 (EN)

Application
EP 86306422 A 19860819

Priority

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Abstract (en)
An electromagnetic induction apparatus according to this invention is furnished with a short-circuit winding (1c) which is electromagnetically coupled to at least two windings (1a, 1b), thereby to realise a transformer (1A) which effects the shunt reactor function of supplying "leading" reactive power necessary for transmission or distribution lines, without installing a shunt reactor. In another aspect of performance of this invention, an electromagnetic induction apparatus is furnished with a reactor winding (1c) which is electromagnetically coupled to at least two windings (1a, 1b) including a tap winding (1b) and which is inserted between one end of the tap winding and a tap (30), and a tap voltage which is lower than the open-circuit voltage of the reactor winding (1c) is forcibly applied from the tap (30) to the reactor winding (1c), thereby to generate a desired magnitude of leakage flux (18) between the reactor winding (1c) and the tap winding (1b) and to make the capacity of an equivalent shunt reactor variable.

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CPC (source: EP)
H01F 27/38 (2013.01); **H01F 29/02** (2013.01); **H01F 30/10** (2013.01)

Citation (search report)

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