Title (en)
METHOD FOR MANUFACTURING U-SHAPED CORE SHEETS

Publication
EP 0196406 B1 19890315 (DE)

Application
EP 86100622 A 19860118

Priority
DE 3510854 A 19850326

Abstract (en)
[origin: US4711019A] In a method for making U-shaped core laminations and T-shaped magnetic circuit closing elements fitting in between the legs thereof, in a choke, ballast or transformer, in particular for use as an accessory element in gas discharge lamps, two mutually offset rows of U-shaped core laminations having their open ends facing one another and having the pairs of adjacent outer legs thereof interfitting with one another are punched out in such a manner that one pair of outer legs of one row is laterally adjacent to one pair of outer legs of the other row, and the T-shaped magnetic circuit closing elements, with cross legs adjacent to the connecting middle legs of the U-shaped core lamination are punched out of the free spaces located between the ends of the pairs of outer legs and the connecting legs, located facing tem and spaced apart from them, of the U-shaped core laminations. The T-shaped magnetic circuit closing elements are punched out in such a position that their long, or center, legs on one side are laterally adjacent one pair of outer legs of the respective opposing row of U-shaped core laminations and on the outer side these long or center legs are laterally adjacent the long or center legs of a neighboring, opposed T-shaped magnetic circuit closing element. A punch die suitable for carrying out the method is also proposed.

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