

Title (en)  
ELECTRIC SHUNT REACTOR AND AUTOMATIC MACHINE FOR CUTTING LAMINATIONS

Publication  
**EP 0039901 B1 19841219 (FR)**

Application  
**EP 81103444 A 19810507**

Priority  
FR 8010574 A 19800512

Abstract (en)  
[origin: US4453150A] This induction winding includes a magnetic core formed by a vertical stack of iron disks separated by air gaps. The disks (8) include a plurality of sector-shaped portions (1) each of which is constituted by a succession of magnetic laminations (6), a first part (12,13) of these laminations are all of identical length and a second part (14) are of regularly decreasing length from one lamination to the next. The direction (F1) in which the laminations are rolled in the mill is perpendicular to the axis (7) of the winding. The increased magnetic loss that this causes is compensated by the improved filling coefficient that can then be readily obtained.

IPC 1-7  
**H01F 27/24**; **H01F 41/02**; **B21D 43/28**

IPC 8 full level  
**H01F 27/24** (2006.01); **B23D 15/00** (2006.01); **B23D 15/06** (2006.01); **B23D 33/00** (2006.01); **H01F 27/245** (2006.01); **H01F 41/02** (2006.01)

CPC (source: EP US)  
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Cited by  
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