

Title (en)

Method of manufacture of a metallic sabot.

Title (de)

Verfahren zur Herstellung eines metallischen Treibkäfigs.

Title (fr)

Procédé pour fabriquer un sabot métallique.

Publication

**EP 0158828 A1 19851023 (EN)**

Application

**EP 85102846 A 19850313**

Priority

US 59024984 A 19840316

Abstract (en)

The method of manufacture of a sabot component which comprises the steps of severing an aluminum workpiece (50) from bar stock, upsetting the workpiece in a first die, by axial force, to constitute a first preform (51) having a desired uneven mass distribution along the axis thereof, hot forging the first preform in a second die, by transverse force, to constitute a second preform (52) having an unsymmetrical mass distribution transverse to the axis thereof, hot forging the second preform in a third die, by transverse force, to constitute a stamping (60) having opposed unsymmetrical formed surfaces, solution heat treating the stamping to a "W" condition, freezing the stamping to render its metalography dormant, cold forging the stamping in the third die, artificially aging the stamping to a "T8" condition, trimming the stamping in a fourth die, and annodizing the trimmed stamping,

IPC 1-7

**F42B 13/16**; **B21K 23/00**

IPC 8 full level

**B21K 1/02** (2006.01); **F42B 14/06** (2006.01)

CPC (source: EP)

**B21K 1/025** (2013.01); **F42B 14/061** (2013.01)

Citation (search report)

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