

Title (en)

Method of producing two-phase separation type Fe-Cr-Co series permanent magnets.

Title (de)

Verfahren zur Herstellung von Permanentmagneten der Zweiphasen-Trennungsserie des Fe-Cr-Co-Typs.

Title (fr)

Procédé pour la fabrication des aimants permanents de la série séparation en deux phases du type Fe-Cr-Co.

Publication

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Application

EP 86305484 A 19860716

Priority

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- JP 22380385 A 19851009

Abstract (en)

A method of producing a two-phase separation type Fe-Cr-Co series permanent magnet is disclosed, which comprises forming a rapidly solidified tape or a thin sheet from a melt having an alloy composition of Fe_{100-x-y}Cr_xCo_y or Fe_{100-x-y-z}Cr_xCo_yM_z and subjecting to a heat treatment. In this case, permanent magnets having excellent magnetic properties in any direction among the longitudinal, widthwise and thickness directions can be produced by performing the heat treatment under particular conditions.

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Citation (search report)

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