

Title (en)

Method of forming continuous strip of amorphous metal.

Title (de)

Verfahren zur Herstellung eines fortlaufenden Bandes aus amorphem Metall.

Title (fr)

Procédé de fabrication d'une bande continue de métal amorphe.

Publication

EP 0099599 A1 19840201 (EN)

Application

EP 83200882 A 19830616

Priority

NL 8202856 A 19820715

Abstract (en)

Continuous strips of amorphous metal are formed by forcing a row of jets of molten metal through a corresponding row of orifices in the nozzle of a reservoir for molten metal onto a chill surface moving transverse to said row and within a distance of 2,5 mm from said nozzle, on which surface the jets join together to form a melt puddle for solidification by very rapid cooling of the metal into an amorphous strip which is carried off by the chill surface. In order to obtain thicker strips than has been possible heretofore, the metal is forced onto the chill surface by at least two parallel rows of jets emerging from parallel rows of orifices in the same nozzle and the melt puddle is formed by the jets of all rows in combination.

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CPC (source: EP)

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Citation (search report)

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