Title (en)

Process for the production of a strip, a pre-strip or a slab

Title (de)

Verfahren zum Herstellen eines Bandes, Vorstreifens oder einer Bramme

Title (fr)

Procédé pour la production d'un feuillard, d'un feuillard ébauché ou d'une brame

Publication

EP 0611610 B1 19990609 (DE)

Application

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Priority

AT 29293 A 19930216

Abstract (en)

[origin: EP0611610A1] In a process for the alternative production of a hot-rolled strip (24), a hot-deformed, pre-strip (14) or a non-deformed slab made of steel by means of continuous casting, to achieve a high product quality for the thinnest possible strips and to achieve a high degree of operating flexibility, the following features are realised individually or in combination: - casting of a strand (4) of slab thickness (2) in an open-ended mould (1) having a constant cross-section throughout, - a first deformation step, comprising deformation of the strand (4) having a liquid core to reduce its thickness (2), - a second deformation step, comprising deformation of the strand (4) which has already completely solidified for further thickness reduction of the same to a pre-strip size (12), and - a third deformation step, comprising deformation of strand pieces (14) cut off from the strand (4) and preferably having a pre-strip size (12), by hot-rolling the strand pieces (14). <IMAGE>

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IPC 8 full level

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CPC (source: EP US)

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