

Title (en)
SURFACE GRAIN REFINING HOT-SHEARING METHOD AND PRODUCT OF SURFACE GRAIN REFINING HOT-SHEARING

Title (de)
HEISSSCHERUNGSVERFAHREN MIT OBERFLÄCHENKORNVERFEINERUNG UND HEISSSCHERUNGSPRODUKT MIT OBERFLÄCHENKORNVERFEINERUNG

Title (fr)
PROCÉDÉ DE DÉCOUPAGE À CHAUD D'AFFINAGE DE GRAIN DE SURFACE ET PRODUIT DE DÉCOUPAGE À CHAUD D'AFFINAGE DE GRAIN DE SURFACE

Publication
EP 2995395 A4 20161228 (EN)

Application
EP 14795101 A 20140509

Priority
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• JP 2014062534 W 20140509

Abstract (en)
[origin: EP2995395A1] Provided is a surface layer grain refining hot-shearing method including: heating and keeping a steel sheet in a temperature range of from Ac3 to 1400 °C to austenitize the steel sheet; subsequently shearing the steel sheet in a state in which the steel sheet is placed on a die; and quenching by rapidly cooling the sheared steel sheet, wherein a start temperature of the shearing is set to be a temperature (°C) obtained by adding a temperature of from 30 °C to 140 °C to a previously measured Ar3 of the steel sheet.

IPC 8 full level
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Citation (search report)
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Designated contracting state (EPC)
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