

Title (en)

A STEEL COMPOSITION FOR THE PRODUCTION OF COLD ROLLED MULTIPHASE STEEL PRODUCTS

Title (de)

STAHLZUSAMMENSETZUNG FÜR DIE HERSTELLUNG VON MEHRPHASIGEN KALTGEWALZTEN STAHLPRODUKTEN

Title (fr)

COMPOSITION D'ACIER POUR LA PRODUCTION DE PRODUITS EN ACIER A PHASES MULTIPLES LAMEE A FROID

Publication

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Application

**EP 03775002 A 20031106**

Priority

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Abstract (en)

[origin: EP1431406A1] The present invention is related to a steel composition intended to be used in a process comprising a cold rolling step, for the production of uncoated, electro-galvanised or hot dip galvanised TRIP steel products, said composition being characterised by a specific addition of phosphorus. The latter is added in order to reach the desired mechanical properties (high tensile strength in combination with high elongation) while keeping a good weldability by sufficiently reducing the carbon content. The invention is further related to a process for producing a steel product, and to said steel product obtained, said product having the composition of the invention.

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IPC 8 full level

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