

Title (en)  
STEEL MATERIAL AND METHOD FOR PRODUCTION THEREOF

Title (de)  
STAHLMATERIAL UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)  
MATÉRIAU D'ACIER ET SON PROCÉDÉ DE PRODUCTION

Publication  
**EP 4247992 A1 20230927 (DE)**

Application  
**EP 21816016 A 20211118**

Priority  
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Abstract (en)  
[origin: WO2022106561A1] The invention relates to a steel material for the production of high- or super-high-strength components with a tensile strength  $R_m > 1600$  MPa, more particularly  $> 1800$  MPa and more particularly  $> 2000$  MPa, the steel material being a boron-manganese steel which has a carbon content of  $> 0.30$  mass %, the steel material being hot rolled, or hot rolled and cold rolled, to a strip having a thickness of 0.5 to 3 mm, the strip having a thin coating of zinc or an alloy on the basis of zinc with a weight of the coating mass of  $< 50$  g/m<sup>2</sup> for each strip side of the steel strip.

IPC 8 full level  
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