

Title (en)  
STEEL ALLOY

Title (de)  
STAHLZUSAMMENSETZUNG

Title (fr)  
ACIER

Publication  
**EP 2834378 A1 20150211 (EN)**

Application  
**EP 12720115 A 20120404**

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Abstract (en)  
[origin: WO2013149657A1] The present invention relates to a steel alloy having a composition comprising: from 0.6 to 1.0 wt% carbon from 0.5 to 2.0 wt% silicon from 1.0 to 4.0 wt% chromium optionally one or more of from 0 to 0.25 wt% manganese from 0 to 0.3 wt% molybdenum from 0 to 2.0 wt% aluminium from 0 to 3.0 wt% cobalt from 0 to 0.25 wt% vanadium and the balance iron, together with unavoidable impurities. The microstructure of the steel alloy comprises bainite and, more preferably, superbainite.

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Citation (search report)  
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