

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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