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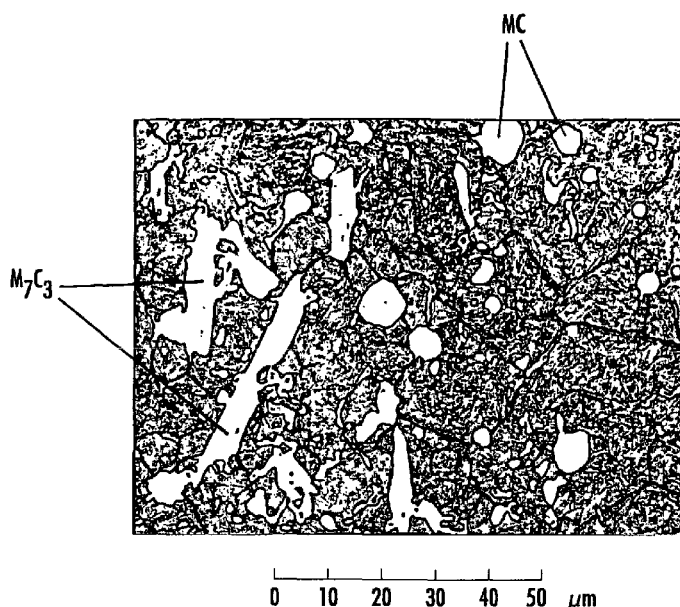
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(54) Title: STEEL ARTICLE



(57) **Abstract:** A steel article consists of an alloy which contain in weight-%: 1.7 - 2.5 C; 0.1 - 2.0 Si; 0.1 - 2.0 Mn; max 0.2 N; max 0.2 S; 12 16 Cr; 2.1 - 3.5 (Mo + W/2); 5 - 8 V; max 0.1 Nb, balance essentially only iron and unavoidable impurities. The steel has a micro-structure obtainable by a manufacturing of the steel which comprises spray forming of an ingot, the micro-structure of which contains 14 -25 vol-% carbides of mainly MC-type, where M substantially consists of vanadium, of which carbides at least 80 vol-% have a substantially rounded shape and a size in the longest extension of the carbides amounting to 1 - 10 µm, and M₇C₃-carbides, where M substantially consists of chromium, which carbides typically have a more elongated shape than the MC-carbides, of which MC-carbides at least 80 vol-% have a maximal extension amounting to 3-50 µm.



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