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- (54) Title: A steel alloy and a tool
- (56) Cited documents: ---
- (57) Abstract:

A steel alloy intended for cutting applications and hot working tools, comprising, in weight percent (wt. %),

C:	0.40–1.2 wt. %,
Si:	0.30–2.0 wt. %,
Mn:	max 1.0 wt. %,
Cr:	3.0–6.0 wt. %,
Mo:	0–4.0 wt. %,
W:	0–8.0 wt. %, wherein $(Mo+W/2) \geq 3.5$ wt. %,
Nb:	0–4.0 wt. %,
V:	0–4.0 wt. %, wherein $1.0 \text{ wt. \%} \leq (Nb+V) \leq 4.0$ wt. %,
Co:	25–40 wt. %,
S:	max 0.30 wt. %,
N:	max 0.30 wt. %,

the balance being Fe and unavoidable impurities.