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- (71) Applicant (for all designated States except US): **UDDEHOLM TOOLING AKTIEBOLAG [SE/SE]; S-683 85 HAGFORS (SE).**
- (72) Inventor; and
(75) Inventor/Applicant (for US only): **SANDBERG, Odd [SE/SE]; Strandvägen 28, S-683 40 UDDEHOLM (SE).**
- (74) Agents: **KYLIN, Peter et al.; Hynell Patenttjänst AB, Patron Carls väg 2, S-683 40 Hagfors/Uddeholm (SE).**
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(54) Title: **STEEL AND MOULD TOOL FOR PLASTIC MATERIALS MADE OF THE STEEL**

(57) Abstract: The invention concerns a steel, particularly a steel for mould tools for plastic moulding, having the following chemical composition in weight-%: 0.43 - 0.60 C from traces to 1.5 Si from traces to 1.5 (Si+Al) 0.1-2.0 Mn 3.0-7.0 Cr 1.5-4.0 (Mo+), however max. 1.0 W 0.30-0.70 V max. 0.1 of each of Nb, Ti and Zr max. 2.0 Co max. 2.0 N balance essentially only iron and unavoidable impurities. After hardening and high temperature tempering at 520-560°C, the steel has a hardness of 56-58 HRC.