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(54) Title: STEEL ALLOY, PLASTIC MOULDING TOOL AND TOUGH-HARDENED BLANK FOR PLASTIC MOULDING TOOLS

(57) Abstract: A steel alloy has a chemical composition which contains in weight-%, 0.16 - 0.27 C, 0.06 - 0.13 N, wherein total content of C + N shall satisfy the condition, $0.3 < C + N < 0.4$, 0.1 - 1.5 Si, 0.1 - 1.2 Mn, 12.5 - 14.5 Cr, 0.5 - 1.7 Ni, 0.2 - 0.8 Mo, 0.1 - 0.5 V. The steel is suitable for plastic moulding tools.