

Title (en)
TEETH FOR EXCAVATORS

Publication
EP 0157093 B1 19871223 (DE)

Application
EP 85100709 A 19850124

Priority
DE 3412405 A 19840403

Abstract (en)
[origin: US4710244A] The invention concerns the use of a wear resistant, temper resisting steel alloy of -0.30 to 0.40% carbon -1.0 to 1.60% silicon -0.50 to 0.80% manganese -2.0 to 2.6% chromium -maximum 0.025% phosphorus -maximum 0.025% sulfur -the remainder iron and limited contaminants. - The alloy is used as the work material for making dredger teeth forged in a close-die, especially suction dredger teeth, which teeth after the forging are heated to a temperature above the A3 temperature, are hardened in oil and tempered.

IPC 1-7
C22C 38/18; **E02F 9/28**; **C21D 1/18**

IPC 8 full level
C21D 1/18 (2006.01); **C21D 6/00** (2006.01); **C22C 38/00** (2006.01); **C22C 38/18** (2006.01); **E02F 9/28** (2006.01); **E21B 10/46** (2006.01)

CPC (source: EP US)
C22C 38/18 (2013.01 - EP US); **E02F 9/285** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
US 4710244 A 19871201; AT E31555 T1 19880115; DE 3412405 C1 19850620; DE 3561249 D1 19880204; EP 0157093 A2 19851009; EP 0157093 A3 19860102; EP 0157093 B1 19871223; ES 541810 A0 19880216; ES 8801710 A1 19880216; JP S60224759 A 19851109

DOCDB simple family (application)
US 92861586 A 19861104; AT 85100709 T 19850124; DE 3412405 A 19840403; DE 3561249 T 19850124; EP 85100709 A 19850124; ES 541810 A 19850401; JP 6927885 A 19850403