

Title (en)
USE OF MANGANESE AND NICKEL-CONTAINING FINE-GRAINED STRUCTURAL STEEL

Publication
EP 0010755 B1 19830720 (DE)

Application
EP 79104222 A 19791031

Priority
DE 2847506 A 19781102

Abstract (en)
[origin: EP0010755A1] 1. Use of a manganese-nickel fine-grain structural steel, containing 0.04 to 0.09% carbon, 1.2 to 1.8% manganese, 0.1 to 0.4% silicon, 0.03 to 0.08% niobium, 0.5 to 1.5% nickel, up to 0.25% aluminium, up to 0.015% sulphur and optionally 0.2 to 0.4% copper, remainder iron including smelt dependent impurities, which is normalized, as material for components which, like pipes and vessels, come into contact with liquefied gas at temperatures down to - 120 degrees C.

IPC 1-7
C22C 38/12; **C22C 38/16**; **F17C 1/00**

IPC 8 full level
C22C 38/04 (2006.01); **C22C 38/08** (2006.01); **C22C 38/12** (2006.01); **C22C 38/16** (2006.01); **F17C 1/00** (2006.01)

CPC (source: EP)
C22C 38/04 (2013.01); **C22C 38/08** (2013.01); **C22C 38/12** (2013.01)

Cited by
EP0262281A1; FR2633208A1; BE1004321A4

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

DOCDB simple family (publication)
EP 0010755 A1 19800514; **EP 0010755 B1 19830720**; **EP 0010755 B2 19860806**; AT E4228 T1 19830815; CA 1149647 A 19830712; DE 2847506 A1 19800514; DE 2847506 C2 19860417; NO 151506 B 19850107; NO 151506 C 19850424; NO 793516 L 19800505

DOCDB simple family (application)
EP 79104222 A 19791031; AT 79104222 T 19791031; CA 339072 A 19791102; DE 2847506 A 19781102; NO 793516 A 19791101