

Title (en)
A Fe ALLOY

Title (de)
FE-LEGIERUNG

Title (fr)
ALLIAGE DE FE

Publication
EP 2189550 A4 20111012 (EN)

Application
EP 08783992 A 20080815

Priority
• CN 2008072001 W 20080815
• CN 200710146759 A 20070815

Abstract (en)
[origin: EP2189550A1] The present invention discloses a ferroalloy which is composed of 0.01-0.26wt% of C, 0.08-1.00wt% of Si, 4.50-12.00wt% of Mn, 0.02-0.2wt% of P, 0.025-0.06wt% of S, 3.50-22.00wt% of Ni, 15.00-24.00wt% of Cr and the balance of Fe, based on the weight of said ferroalloy. The ferroalloy has explosion proof and no-spark properties, thus is suitable for the application in the explosion proof and no-spark field and especially suitable for producing containers for dangerous chemicals, emergency rescue apparatus and related tools.

IPC 8 full level
C22C 38/58 (2006.01)

CPC (source: EP)
C22C 38/02 (2013.01); **C22C 38/58** (2013.01)

Citation (search report)
• [I] EP 1690957 A1 20060816 - RODACCIAI S P A [IT]
• [I] J.R. DAVIS: "Metals Handbook", 1 January 1998, ASM INTERNATIONAL, USA, pages: 365 - 365, XP002658210
• See references of WO 2009024069A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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