

Title (en)
ELECTROMAGNET

Title (de)
ELEKTROMAGNET

Title (fr)
ELECTRO-AIMANT

Publication
EP 1163686 A1 20011219 (DE)

Application
EP 01909656 A 20010118

Priority
• DE 10002295 A 20000120
• DE 10039869 A 20000816
• EP 0100569 W 20010118

Abstract (en)
[origin: WO0154147A1] The invention relates to an electromagnet which is provided with a yoke consisting of lamella and having an electric turn and an armature engaging therewith. The yoke is provided with deflection resistant yoke side plates at least on the outer sides of the lamella packet. Said side plates are welded to at least a part of the lamella.

IPC 1-7
H01F 7/08; H01F 3/02; F01L 9/04; H01F 7/14

IPC 8 full level
F01L 9/04 (2006.01); **F01L 9/20** (2021.01); **H01F 3/02** (2006.01); **H01F 7/08** (2006.01); **H01F 7/14** (2006.01)

CPC (source: EP)
F01L 9/20 (2021.01); **H01F 3/02** (2013.01); **H01F 7/081** (2013.01); **H01F 7/14** (2013.01); **F01L 2009/2109** (2021.01)

Citation (search report)
See references of WO 0154147A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0154147 A1 20010726; DE 50102969 D1 20040902; EP 1163686 A1 20011219; EP 1163686 B1 20040728

DOCDB simple family (application)
EP 0100569 W 20010118; DE 50102969 T 20010118; EP 01909656 A 20010118