

Title (en)
Saw-toothed wire

Title (de)
Sägezahndraht

Title (fr)
Fil à dent de scie

Publication
EP 1099783 B1 20030730 (DE)

Application
EP 99122418 A 19991110

Priority
EP 99122418 A 19991110

Abstract (en)
[origin: EP1099783A1] Card clothing wire has a tapered blade section (30) joined at a shoulder (22) on one side to a thicker base section (20). The thickness (b3) of the base section is greater than 2, preferably 2.6 times the thickness (b4) of the blade section measured at the lowest part of the teeth. The preferred thickness dimensions of the other parts of the wire are also specified. An Independent claim is also included, preferably for a wire of this type, having a teeth height (h5) greater than 0.3 times, preferably 0.45 times, the height (h1) of the wire. The preferred other height dimensions are also specified.

IPC 1-7
D01G 15/88

IPC 8 full level
B27B 33/16 (2006.01); **B23D 61/12** (2006.01); **B23D 61/18** (2006.01); **D01G 15/88** (2006.01)

CPC (source: EP US)
D01G 15/88 (2013.01 - EP US); **Y10T 83/9319** (2015.04 - EP US)

Cited by
EP2319950A1; CN102768007A; CN100439578C; US7325278B2; WO2004048654A1; EP1176236B1

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

DOCDB simple family (publication)
EP 1099783 A1 20010516; EP 1099783 B1 20030730; AT E246272 T1 20030815; AT E291652 T1 20050415; BR 0005315 A 20010612; CA 2325508 A1 20010510; DE 29924404 U1 20030206; DE 59906445 D1 20030904; DE 59911815 D1 20050428; EP 1318218 A1 20030611; EP 1318218 B1 20050323; ES 2200455 T3 20040301; ES 2236626 T3 20050716; JP 2001162440 A 20010619; MX PA00011036 A 20030425; TR 200003334 A2 20010621; TR 200003334 A3 20010621; TW 522183 B 20030301; US 2003116006 A1 20030626

DOCDB simple family (application)
EP 99122418 A 19991110; AT 03000810 T 19991110; AT 99122418 T 19991110; BR 0005315 A 20001109; CA 2325508 A 20001108; DE 29924404 U 19991110; DE 59906445 T 19991110; DE 59911815 T 19991110; EP 03000810 A 19991110; ES 03000810 T 19991110; ES 99122418 T 19991110; JP 2000328259 A 20001027; MX PA00011036 A 20001109; TR 200003334 A 20001110; TW 89122983 A 20001101; US 36621003 A 20030213