

Title (en)

Industrial sewing machine for simultaneously performing a plurality of improved seaming lines.

Title (de)

Industrie-Nähmaschine, die gleichzeitig mehrere Nähte ausführen kann.

Title (fr)

Machine à coudre industrielle permettant l'exécution simultanée de plusieurs coutures.

Publication

EP 0353208 B1 19950208 (EN)

Application

EP 89830344 A 19890725

Priority

IT 2149488 A 19880726

Abstract (en)

[origin: EP0353208A1] The sewing machine comprises two or more driven shafts which are driven with timed rotary speeds, on one shaft cam members being mounted which, through mechanical motion transmitting members, causes the needle bars, transportation clamps and hooks to swing, these members being so arranged and designed as to perform a plurality of simultaneous seaming lines either of rectilinear, curved or broken configuration.

IPC 1-7

D05B 1/20; **D05B 75/00**

IPC 8 full level

D05B 1/20 (2006.01); **D05B 1/22** (2006.01); **D05B 1/10** (2006.01); **D05B 35/02** (2006.01); **D05B 57/30** (2006.01); **D05B 69/12** (2006.01); **D05B 73/00** (2006.01); **D05B 73/12** (2006.01)

CPC (source: EP)

D05B 1/20 (2013.01); **D05B 35/02** (2013.01); **D05B 57/30** (2013.01); **D05B 73/00** (2013.01); **D05B 73/12** (2013.01); **D05D 2207/04** (2013.01)

Cited by

US5465674A; EP0494052A1; EP2141273A1; ITVR20080078A1; US8074588B2; TWI737452B

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR LI LU NL SE

DOCDB simple family (publication)

EP 0353208 A1 19900131; **EP 0353208 B1 19950208**; AT E118256 T1 19950215; CN 1021921 C 19930825; CN 1039857 A 19900221; DE 68921026 D1 19950323; DE 68921026 T2 19950601; ES 2068916 T3 19950501; IT 1226311 B 19901227; IT 8821494 A0 19880726; JP H0280081 A 19900320; RU 2023778 C1 19941130

DOCDB simple family (application)

EP 89830344 A 19890725; AT 89830344 T 19890725; CN 89106101 A 19890726; DE 68921026 T 19890725; ES 89830344 T 19890725; IT 2149488 A 19880726; JP 19379289 A 19890726; SU 4614682 A 19890725