

Title (en)
DEVICE FOR FEEDING WARP THREADS.

Title (de)
VORRICHTUNG ZUM EINZIEHEN VON KETTFÄDEN.

Title (fr)
DISPOSITIF POUR LE REMETTAGE DE FILS DE CHAÎNE.

Publication
EP 0460129 B1 19950628 (DE)

Application
EP 90917134 A 19901206

Priority
• CH 9000283 W 19901206
• CH 459889 A 19891222

Abstract (en)
[origin: WO9110003A1] The introducing machine has a needle-shaped feed component (7) which can be driven so as to oscillate with a flexible gripping strip (16) bearing a clamp (17) and a channel-like guide (18) for the feeding component (7). This provides the certain and reliable feed of warp threads of all kinds while avoiding damage as far as possible.

IPC 1-7
D03J 1/14

IPC 8 full level
D03J 1/14 (2006.01)

CPC (source: EP KR US)
D03J 1/14 (2013.01 - EP KR US)

Cited by
EP2147992A1; US5909750A; EP2199443A1; WO2010069086A1; EP3772549A1

Designated contracting state (EPC)
AT BE DE DK ES FR GB IT LU NL SE

DOCDB simple family (publication)
WO 9110003 A1 19910711; AT E124477 T1 19950715; AU 6742390 A 19910724; CA 2045565 A1 19910623; CH 679598 A5 19920313; CS 647090 A3 19920415; CZ 283051 B6 19971217; DE 59009349 D1 19950803; DK 0460129 T3 19951113; EP 0460129 A1 19911211; EP 0460129 B1 19950628; ES 2073590 T3 19950816; JP 2913422 B2 19990628; JP H04505352 A 19920917; KR 0140862 B1 19980701; KR 920701550 A 19920812; PT 96340 A 19920831; RU 2028394 C1 19950209; US 5249339 A 19931005

DOCDB simple family (application)
CH 9000283 W 19901206; AT 90917134 T 19901206; AU 6742390 A 19901206; CA 2045565 A 19901206; CH 459889 A 19891222; CS 647090 A 19901220; DE 59009349 T 19901206; DK 90917134 T 19901206; EP 90917134 A 19901206; ES 90917134 T 19901206; JP 50003991 A 19901206; KR 910700761 A 19910719; PT 9634090 A 19901221; SU 5001830 A 19910821; US 74153191 A 19911011