

Title (en)
A yarn traversing apparatus.

Title (de)
Ueberführungsapparat für Faden.

Title (fr)
Appareil de va-et-vient pour fil.

Publication
EP 0394986 B1 19941109 (EN)

Application
EP 90107817 A 19900425

Priority
• JP 11013389 A 19890428
• JP 24276189 A 19890919

Abstract (en)
[origin: EP0394986A2] A yarn traversing apparatus comprises: a first traverse member, which is disposed downstream by a predetermined distance from a fulcrum for traverse motion, for traversing the yarn from a center toward ends of traverse stroke; and a second traverse member, which is disposed downstream by a predetermined distance from the first traverse member, for traversing the yarn from the ends of traverse stroke toward the center of traverse stroke; the first traverse member comprising a rotary blade moving from the center of traverse motion toward the ends of traverse stroke and a guide rail restricting a speed of the yarn conveyed by the rotary blade, so that speed of the yarn conveyed by the first traverse member is made substantially constant; the second traverse member comprising a rotary blade moving from the ends of traverse stroke toward the center of traverse motion and a guide rail restricting a speed of the yarn conveyed by the rotary blade of the second traverse member, so that a speed of the yarn conveyed by the second traverse member is made almost same as that of the first traverse member at the center of traverse motion and is gradually decreased from a speed between 1.5 and 7 times of that of the first traverse member to that of the first traverse member at the ends of traverse motion.

IPC 1-7
B65H 54/28

IPC 8 full level
B65H 54/28 (2006.01)

CPC (source: EP KR)
B65H 54/28 (2013.01 - KR); **B65H 54/2839** (2013.01 - EP); **B65H 2701/31** (2013.01 - EP)

Cited by
DE4317087A1; DE4315912C2; DE4142886A1; WO2019193117A1

Designated contracting state (EPC)
CH DE IT LI

DOCDB simple family (publication)
EP 0394986 A2 19901031; EP 0394986 A3 19921028; EP 0394986 B1 19941109; CN 1023784 C 19940216; CN 1046718 A 19901107; DE 69013967 D1 19941215; DE 69013967 T2 19950622; KR 900016034 A 19901112; KR 950005416 B1 19950524

DOCDB simple family (application)
EP 90107817 A 19900425; CN 90102418 A 19900427; DE 69013967 T 19900425; KR 900006022 A 19900428