

Title (en)  
FLYER BOW APPARATUS WITH TRAVELLING CARRIER STRIP

Title (de)  
FLYERBÜGELVORRICHTUNG MIT LAUFTRÄGERBAND

Title (fr)  
APPAREIL BANC A BROCHES A BANDE SUPPORT MOBILE

Publication  
**EP 1525147 A4 20060823 (EN)**

Application  
**EP 03772041 A 20030729**

Priority  
• US 0323689 W 20030729  
• US 39879302 P 20020729

Abstract (en)  
[origin: WO2004011354A2] A flyer bow machine for twinning or twisting wire or cable is provided in which a moving carrier strip is provided on the flyer bow. The carrier strip moves along the bow in the same direction as the wire or cable is traveling, and preferably, moves at the same speed as the wire or cable. As a result, tension on the wire or cable as it passes though the flyer bow machine is reduced. Thus, higher throughput rates of wire or cable, or improved quality of wire or cable, can be achieved.

IPC 1-7  
**B65H 1/00**

IPC 8 full level  
**D01H 1/22** (2006.01); **D07B 3/02** (2006.01); **D07B 7/02** (2006.01)

CPC (source: EP US)  
**D07B 3/022** (2021.01 - EP US); **D07B 3/103** (2013.01 - EP US); **D07B 7/021** (2021.01 - EP US)

Citation (search report)  
• [X] US 3142952 A 19640804 - KRAFFT FREDERIC B, et al  
• [A] US 3812666 A 19740528 - SARRACINO M  
• See references of WO 2004011354A2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2004011354 A2 20040205; WO 2004011354 A3 20040603**; AU 2003259287 A1 20040216; AU 2003259287 A8 20040216;  
CA 2461601 A1 20040205; CA 2461601 C 20111129; CN 1316082 C 20070516; CN 1564887 A 20050112; EP 1525147 A2 20050427;  
EP 1525147 A4 20060823; HK 1071777 A1 20050729; RU 2004118301 A 20050310; RU 2303669 C2 20070727

DOCDB simple family (application)  
**US 0323689 W 20030729**; AU 2003259287 A 20030729; CA 2461601 A 20030729; CN 03801245 A 20030729; EP 03772041 A 20030729;  
HK 05104452 A 20050527; RU 2004118301 A 20030729