

Title (en)  
Dancer roller device.

Title (de)  
Tänzerrollenvorrichtung.

Title (fr)  
Dispositif à rouleau baladeur.

Publication  
**EP 0395029 A2 19901031 (EN)**

Application  
**EP 90107886 A 19900425**

Priority  
JP 10462889 A 19890426

Abstract (en)  
A device of this invention includes a plurality of stationary guide rollers (2) and a plurality of movable guide rollers (4) arranged on one side of the stationary guide rollers (2). The movable guide rollers (4) can approach/separate from the stationary guide rollers (2). A strip-like material (A) is extended among the stationary and movable guide rollers (2; 4) in a zigzag manner. When the strip-like material (A) is set, the movable guide rollers (4) are moved to the other side of the stationary guide rollers (2) through gaps between the stationary guide rollers (2). The strip-like material (A) is linearly inserted between the movable guide rollers (4) moved to the other side and the stationary guide rollers (2), and thereafter, the movable guide rollers (4) are returned to the one side of the stationary guide rollers (2).

IPC 1-7  
**B65H 20/24**

IPC 8 full level  
**B65H 19/10** (2006.01); **B65H 20/24** (2006.01); **B65H 20/34** (2006.01); **B65H 23/188** (2006.01)

CPC (source: EP)  
**B65H 20/34** (2013.01)

Cited by  
CN107758409A; US6012669A; US5582339A; US5827166A; CN111039065A; DE19723635A1; DE19723635C2; US9745661B2; US6237383B1; WO2014207289A1

Designated contracting state (EPC)  
DE GB IT

DOCDB simple family (publication)  
**EP 0395029 A2 19901031**; **EP 0395029 A3 19930120**; **EP 0395029 B1 19970102**; DE 69029532 D1 19970213; DE 69029532 T2 19970807; JP 2552356 B2 19961113; JP H02286553 A 19901126

DOCDB simple family (application)  
**EP 90107886 A 19900425**; DE 69029532 T 19900425; JP 10462889 A 19890426