

Title (en)

Device for supplying compressed air to pneumatic engines which are connected to moving machine parts

Title (de)

Vorrichtung zum Zuführen von Druckluft zu pneumatischen Antrieben, die mit beweglichen Maschinenteilen verbunden sind

Title (fr)

Dispositif pour alimenter en air comprimé des moteurs pneumatiques qui sont reliés à des parties de machine en mouvement

Publication

**EP 0584716 B1 19970618 (DE)**

Application

**EP 93113237 A 19930819**

Priority

- DE 9211599 U 19920828
- DE 9214094 U 19921019

Abstract (en)

[origin: EP0584716A2] Compressed air is fed to a cylinder (15, 17) which moves parts of a bearing (13, 120) which are attached to a linkage (12, 116) in translation towards pivoting plates (6, 111) provided with a rotary drive and/or is fed to a cylinder (25) which moves a blade (37, 126) and belongs to a device in which the bearings (13, 14; 120, 121) arranged on the pivoting plates (6, 111) accept a new winding shaft and, after the winding process, insert the said shaft into the movable bearings which hold it during the winding process. In this arrangement, the drives (117, 125) have feed lines (127, 132) which are provided with end-located connection pieces (128, 133) and, in the starting and/or intermediate positions, can be coupled to a fixed line (29) supplying compressed air. <IMAGE>

IPC 1-7

**B65H 19/22**

IPC 8 full level

**B65H 19/22** (2006.01); **B65H 19/26** (2006.01); **B65H 19/30** (2006.01)

CPC (source: EP)

**B65H 19/22** (2013.01); **B65H 19/26** (2013.01); **B65H 19/30** (2013.01); **B65H 2301/41468** (2013.01); **B65H 2301/4173** (2013.01)

Designated contracting state (EPC)

CH DE DK ES FR GB IT LI

DOCDB simple family (publication)

**DE 9214094 U1 19921217**; CZ 177493 A3 19940316; CZ 288578 B6 20010711; DE 59306776 D1 19970724; DK 0584716 T3 19970804;  
EP 0584716 A2 19940302; EP 0584716 A3 19950927; EP 0584716 B1 19970618; ES 2102562 T3 19970801

DOCDB simple family (application)

**DE 9214094 U 19921019**; CZ 177493 A 19930827; DE 59306776 T 19930819; DK 93113237 T 19930819; EP 93113237 A 19930819;  
ES 93113237 T 19930819