

Title (en)  
PROCESS AND APPARATUS FOR PNEUMATICALLY GRASPING AND DRAWING OFF VERTICALLY UPWARDS THE END OF A YARN ON A COP

Publication  
**EP 0347535 B1 19930630 (DE)**

Application  
**EP 89106039 A 19890406**

Priority  
DE 3821343 A 19880624

Abstract (en)  
[origin: EP0347535A1] The end of a yarn on a cop is grasped by means of an air flow which sweeps over the cop surface from the bottom upwards in a swirling and/or helical fashion, and is then drawn vertically upwards from the cop (4). During the flowing of the air, the cop (4) is caused to roll with a wobble on a guiding face (6') which surrounds the cop (4). The end of the yarn is seized above the cop core and/or transferred automatically to a stand-by position, thread-joining means, spooling device or a similar device. The stand-by position used can also be the core interior. The air can be blown tangentially and obliquely upwards into a tube (6) surrounding the cop (4) through air nozzles (7, 8, 9). For the purpose of limiting the blowing time, switchable valves (V1, V2) can be present. <IMAGE>

IPC 1-7  
**B65H 67/08**

IPC 8 full level  
**B65H 67/08** (2006.01)

CPC (source: EP US)  
**B65H 67/088** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

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