

Title (en)  
BROKEN THREAD SUCTION DEVICE

Publication  
**EP 0070377 B1 19860910 (DE)**

Application  
**EP 82104694 A 19820528**

Priority  
CH 470581 A 19810717

Abstract (en)  
[origin: ES8307939A1] To ensure for the effective removal by suction of thread breaks, even at long ring spinning machines in an economical manner, a second duct or channel is provided above a package creel and parallel to a first suction duct or channel. Both ducts discharge into a common suction chamber. Connecting channels conduct a portion of the air quantity sucked-up by suction nozzles into the second duct or channel. The cross-section of the second duct is enlarged, with increasing length of such duct, in a manner such that there prevails in both ducts essentially the same mean air velocity.

IPC 1-7  
**D01H 5/68**

IPC 8 full level  
**D01H 5/66** (2006.01); **D01H 5/68** (2006.01); **D01H 11/00** (2006.01)

CPC (source: EP US)  
**D01H 5/68** (2013.01 - EP US)

Citation (examination)

- DE 1265017 B 19680328 - MACKIE & SONS LTD J
- DE 19177 C
- Handbuch "Autoconer" der Fa. Schlafhorst, Nr. 7861/2d-3.78, pp. 1.2.5+1.2.5(2)
- "Handbuch der Baumwollspinnerei", Johannsen/Walz, Bd. III, 5. Aufl., pp. 106-109

Cited by  
DE4319959C2; DE10041363B4; DE3810588A1

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI NL

DOCDB simple family (publication)  
**EP 0070377 A2 19830126; EP 0070377 A3 19840104; EP 0070377 B1 19860910**; AT E22123 T1 19860915; AU 8535482 A 19830120; DE 3273136 D1 19861016; ES 514677 A0 19830801; ES 8307939 A1 19830801; JP H0242928 B2 19900926; JP S5818424 A 19830203; US 4432200 A 19840221

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**EP 82104694 A 19820528**; AT 82104694 T 19820528; AU 8535482 A 19820625; DE 3273136 T 19820528; ES 514677 A 19820716; JP 12227882 A 19820715; US 39262582 A 19820628