

Title (en)
BROKEN THREAD SUCTION METHOD AND DEVICE

Publication
EP 0070377 A3 19840104 (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.

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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 (search report)
• [A] GB 627075 A 19490727 - SULZER AG
• [A] GB 635942 A 19500419 - HEINRICH THOMA
• [A] GB 190925796 A 19101103 - GREENWOOD WILLIAM, et al

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

DOCDB simple family (application)
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