Title (en)

Method to control the under-pressure in the suction system of a textile machine

Title (de)

Verfahren zum Regeln des Unterdrucks in einer Saugluftanlage einer Textilmaschine

Title (fr)

Procédé pour commander la dépression dans le système d'aspiration d'une machine textile

Publication

EP 0849205 B1 20030502 (DE)

Application

EP 97120240 A 19971119

Priority

DE 19653617 A 19961220

Abstract (en)

[origin: EP0849205A2] A method of controlling the underpressure, in a suction system at a textile machine involves setting the suction power at a certain strength, and applying it after the start of a yarn batch, for the required working and basic requirements. The number of faults are counted which occur through a weak underpressure within a given time span, where their correction has been attempted without success. The suction power is then changed and, after a further time span, the faults of the type are counted and compared with the fault count in the previous time span. On a breach of a maximum preset fault count by the difference in the fault number, a high suction power is selected for an excess fault difference and a lower suction power is chosen for a fault difference count below the permitted level.

IPC 1-7

B65H 54/70; B65H 67/08; D01H 13/32; D01H 15/00; G05D 16/20

IPC 8 full level

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CPC (source: EP US)

B65H 54/70 (2013.01 - EP US); **B65H 54/707** (2013.01 - EP US); **B65H 67/081** (2013.01 - EP US); **D01H 11/005** (2013.01 - EP US); B65H 2701/31 (2013.01 - EP US)

Cited by

DE102015013569A1; CN110093691A; EP2322458A1; CN102060215A; ITMI20092013A1; EP2322460A1; CN102060216A; ITMI20092011A1; WO2008049486A1

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EP 97120240 A 19971119; DE 19653617 A 19961220; DE 59709963 T 19971119; ES 97120240 T 19971119; JP 35331697 A 19971222; TR 9701595 A 19971211; US 99469597 A 19971219