

Title (en)

Suction system of a textile machine

Title (de)

Saugluftanlage einer Textilmaschine

Title (fr)

Système d'aspiration d'une machine textile

Publication

**EP 0971058 B1 20030205 (DE)**

Application

**EP 99107226 A 19990414**

Priority

DE 19830394 A 19980708

Abstract (en)

[origin: EP0971058A1] The spark detector (22) has an optical sensor (28) to provide an alarm signal or initiate fire fighting actions when glowing fibers or sparks are detected in the suction duct. It also has a controlled source (40) of electromagnetic waves that can trigger the sensor (28) in order to regularly test the proper functioning of the detector.

IPC 1-7

**D01H 4/36**; **D01H 13/14**

IPC 8 full level

**D01H 4/36** (2006.01); **D01H 11/00** (2006.01); **D01H 13/14** (2006.01)

CPC (source: EP US)

**D01H 4/36** (2013.01 - EP US); **D01H 13/14** (2013.01 - EP US)

Designated contracting state (EPC)

CH DE FR IT LI

DOCDB simple family (publication)

**EP 0971058 A1 20000112**; **EP 0971058 B1 20030205**; CN 1210450 C 20050713; CN 1240843 A 20000112; DE 19830394 A1 20000113; DE 59904205 D1 20030313; JP 2000064134 A 20000229; US 6317645 B1 20011113

DOCDB simple family (application)

**EP 99107226 A 19990414**; CN 99110311 A 19990708; DE 19830394 A 19980708; DE 59904205 T 19990414; JP 19315199 A 19990707; US 34840199 A 19990707