

Title (en)
THREAD DETECTOR

Title (de)
FADENFÜHLER

Title (fr)
TATEUR DE FIL

Publication
EP 0964826 A1 19991222 (DE)

Application
EP 98965853 A 19981217

Priority
• DE 19756242 A 19971217
• EP 9808300 W 19981217

Abstract (en)
[origin: DE19756242A1] The invention relates to a thread detector (F), especially for a thread sensor in a thread feeding device, comprising a detector foot (A) with an essentially flat rest (B) which can be brought into contact with a thread (Y). The detector foot (A) has an uninterruptable surface (P) at least in the area of the rest (B) of said foot in order to gently handle the thread when swept and above all to prevent contaminants from attaching inside the detector foot (A).

IPC 1-7
B65H 54/70

IPC 8 full level
B65H 51/22 (2006.01); **B65H 54/70** (2006.01); **B65H 63/028** (2006.01); **D03D 47/36** (2006.01)

CPC (source: EP KR US)
B65H 54/70 (2013.01 - KR); **B65H 63/028** (2013.01 - EP US); **D03D 47/367** (2013.01 - EP US); **B65H 2407/51** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US); **B65H 2701/38** (2013.01 - EP US)

Citation (search report)
See references of WO 9931001A1

Designated contracting state (EPC)
BE CH DE IT LI NL SE

DOCDB simple family (publication)
DE 19756242 A1 19990624; CN 1109647 C 20030528; CN 1249727 A 20000405; DE 59807558 D1 20030424; EP 0964826 A1 19991222; EP 0964826 B1 20030319; KR 100353240 B1 20020918; KR 20000071171 A 20001125; US 6357692 B1 20020319; WO 9931001 A1 19990624

DOCDB simple family (application)
DE 19756242 A 19971217; CN 98803150 A 19981217; DE 59807558 T 19981217; EP 9808300 W 19981217; EP 98965853 A 19981217; KR 19997007461 A 19990817; US 36741099 A 19991101