

Title (en)  
FOIL FEEDER FOR A TUBE PRODUCTION MACHINE

Publication  
**EP 0162371 B1 19880224 (DE)**

Application  
**EP 85105619 A 19850508**

Priority  
CH 238084 A 19840515

Abstract (en)  
[origin: EP0162371A1] 1. A foil feed unit for a tube manufacturing machine, having at least two winding spindles (10, 72) each receiving a foil-strip delivery spool (12, 74), having a strip feed device (14) for withdrawing the foil strip (16) from one of the delivery spools (12) at a time and conveying it further to the tube manufacturing machine, having a clamping device (46, 80) for clamping the end of the strip and the beginning of the following strip, having a sensing device (20) adapted to sense the foil strip (16) withdrawn from the particular delivery spool (12) which is in operation in order to stop the foil strip (16) temporarily, at least in the region of the clamping device (46, 80), depending on the response of the sensing device (20), having a controllable cutting device (40) and a controllable connecting device (88) to connect the end of the strip to the beginning of the following strip, characterised in that the sensing device (20) is a foil-thickness measuring device delivering an electrical signal when it responds.

IPC 1-7  
**B65H 19/18**

IPC 8 full level  
**B65H 19/10** (2006.01); **B65H 19/18** (2006.01); **B65H 19/14** (2006.01)

CPC (source: EP)  
**B65H 19/1852** (2013.01); **B65H 19/1868** (2013.01); **B65H 2301/46132** (2013.01); **B65H 2301/46172** (2013.01); **B65H 2301/4634** (2013.01); **B65H 2701/1752** (2013.01)

Citation (examination)  
FR 2520707 A1 19830805 - ADIR [FR]

Cited by  
GB2223005A; AU706822B2; GB2276369A; US5487805A; DE4107254A1; US5316230A; DE4107254C2; WO9509794A1

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