

Title (en)

System for detecting breakages of the roving in a roving frame

Title (de)

System zum Erkennen von Rovingbrüchen in einem Rovingrahmen

Title (fr)

Système pour détecter des cassures de mèches dans un banc à broches

Publication

EP 2530191 A1 20121205 (EN)

Application

EP 12162700 A 20120330

Priority

- IT BS20110112 A 20110805
- IT BS20110081 A 20110601

Abstract (en)

A roving frame (1) of a spinning line, comprises a drawing device (12), a winding device (14) and a system for detecting breakages of the roving (20) comprising a plurality of detection sensors, a processing device (50) associated with each sensor according to a low-pass or timer filter, and a control device (70) connected to the processing devices (50) to stop the drawing device (12) and the winding device (14) in the presence of a breakage of the roving.

IPC 8 full level

D01H 1/00 (2006.01); **D01H 13/16** (2006.01)

CPC (source: EP)

D01H 1/00 (2013.01); **D01H 13/165** (2013.01)

Citation (search report)

- [X] CH 658080 A5 19861015 - WITSCHI & CO
- [X] EP 0030836 A1 19810624 - HIGHSMITH JAMES LINDSAY JR
- [A] JP S5777329 A 19820514 - DAIWA SPINNING CO LTD, et al

Cited by

CN103510216A; ITUB20155174A1; ES2682521R1; WO2017072641A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2530191 A1 20121205; EP 2530191 B1 20151118; BR 102012012608 A2 20130618; BR 102012012608 B1 20200929;
CN 102808254 A 20121205; CN 102808254 B 20161207

DOCDB simple family (application)

EP 12162700 A 20120330; BR 102012012608 A 20120525; CN 201210163917 A 20120524