

Title (en)

Process and device for separating and transporting uncooled, out-of-tolerance wire windings

Title (de)

Verfahren und Vorrichtung zum Abtrennen und Abtransportieren ungekühlter und nicht toleranzhaltiger Drahtwindungen

Title (fr)

Procédé et dispositif de sectionnement et transport de spires de fil non-refroidi et non-conformant aux tolerances

Publication

EP 0873801 B1 20040602 (DE)

Application

EP 98106999 A 19980417

Priority

DE 19717770 A 19970426

Abstract (en)

[origin: EP0873801A2] The method concerns separation and removal of uncooled wire coils which are outside a tolerance band, in an installation with a coil transport conveyor (1). The method includes the following steps: a) a number of leading coils is counted and (according to a predetermined number) separated from the rest; b) the separated coils (30') are accelerated over a limited transport section (2), while the coils (30) are decelerated so that the cutting zone (3) is broadened during transport; c) at the end of the section (2) the coils (30') pass through open points (4) and are directed downwards for collection and further processing; d) the points (4) are closed for the coils (30) to proceed onto the conveyor (1). The apparatus includes a unit (14) for monitoring the number of wire coils (30; 30') and the position of the movable cutting zone (3). This unit has a means for operating both the shears (13) and the points (4).

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EP 0873801 A2 19981028; **EP 0873801 A3 20010502**; **EP 0873801 B1 20040602**; AT E268230 T1 20040615; DE 19717770 A1 19981029; DE 59811494 D1 20040708; JP H1177137 A 19990323; US 5988551 A 19991123

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