

Title (en)
INSPECTION SYSTEM FOR ROLLED PRODUCTS OF A MILLING STATION

Title (de)
INSPEKTIONSSYSTEM FÜR WALZPRODUKTE EINER WALZANLAGE

Title (fr)
SYSTEME D'INSPECTION POUR DES PRODUITS LAMINES D'UNE INSTALLATION DE LAMINAGE

Publication
EP 1590105 B1 20060705 (DE)

Application
EP 04706633 A 20040130

Priority
• EP 2004000833 W 20040130
• DE 10304582 A 20030205

Abstract (en)
[origin: WO2004069441A1] The aim of the invention is to create an inspection system (1) for rolled products (2) of a milling station, which is to reliably prevent the texture of the substrate from being impressed and/or pressing through during processing of the rolled product (2), especially during grinding. Said aim is achieved by disposing a number of vertically adjustable rolled product clamps (6, 8) on a conveyor belt (4) for rolled products (2) in the inspection system (1).

IPC 8 full level
B21B 38/00 (2006.01); **B21B 39/34** (2006.01); **B21B 41/12** (2006.01)

CPC (source: EP KR US)
B21B 38/00 (2013.01 - EP KR US); **B21B 39/14** (2013.01 - KR); **B21B 39/34** (2013.01 - EP US); **B21B 41/12** (2013.01 - EP US); **Y10T 29/301** (2015.01 - EP US)

Cited by
WO2011045036A1; DE102009049106A1; DE102009049106B4; EP2335839B1; EP2335839B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2004069441 A1 20040819; WO 2004069441 A8 20050929; AT E332195 T1 20060715; BR PI0407238 A 20060131; BR PI0407238 B1 20130625; CA 2515223 A1 20040819; CA 2515223 C 20110607; CN 100346891 C 20071107; CN 1747802 A 20060315; DE 10304582 A1 20040819; DE 502004000920 D1 20060817; EP 1590105 A1 20051102; EP 1590105 B1 20060705; EP 1590105 B8 20061018; ES 2268625 T3 20070316; JP 2006516484 A 20060706; JP 4734228 B2 20110727; KR 101060976 B1 20110831; KR 20050111737 A 20051128; RU 2005127593 A 20060210; RU 2319565 C2 20080320; TW 200422116 A 20041101; TW I300365 B 20080901; US 2006236511 A1 20061026; US 2010269557 A1 20101028; US 7766149 B2 20100803; US 7984802 B2 20110726; ZA 200505715 B 20061025

DOCDB simple family (application)
EP 2004000833 W 20040130; AT 04706633 T 20040130; BR PI0407238 A 20040130; CA 2515223 A 20040130; CN 200480003605 A 20040130; DE 10304582 A 20030205; DE 502004000920 T 20040130; EP 04706633 A 20040130; ES 04706633 T 20040130; JP 2006501661 A 20040130; KR 20057014247 A 20040130; RU 2005127593 A 20040130; TW 93102137 A 20040130; US 54460504 A 20040130; US 83282610 A 20100708; ZA 200505715 A 20050715