

Title (en)

Apparatus for inspecting and sorting of fasteners

Title (de)

Vorrichtung zur Prüfung und Sortierung von Befestigungselementen

Title (fr)

Appareil d'inspection et de tri des éléments de fixation

Publication

**EP 2058057 B1 20091223 (EN)**

Application

**EP 08152710 A 20080313**

Priority

EP 08152710 A 20080313

Abstract (en)

[origin: EP2058057A1] The present invention pertains to an apparatus (3) for fastener inspection and sorting mainly comprising an auxiliary device (5) disposed beside the turntable (32) and attached to an inspecting machine (33) . The device (5) has a support base (51) located adjacent to the turntable (32) and a driving assembly (52) mounted on the base (51). In this manner, the inspecting machine (33) captures defect signals of each object (4) in different orientations by means of the device (5) driving the machine (33) to automatically revolve round the object or by the magnetic attraction assisting in spinning the object when the machine is immobile, thereby transmitting integral signals to the determining machine for an accurate determinations and hence increasing the quality of the inspection and sorting.

IPC 8 full level

**B07C 5/342** (2006.01)

CPC (source: EP)

**B07C 5/34** (2013.01)

Cited by

CN104181166A; ITMI20090698A1; CN114101110A; CN104438119A; CN104142340A; CN113210296A; CN115401890A

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 2058057 A1 20090513; EP 2058057 B1 20091223**; AT E452714 T1 20100115; DE 602008000447 D1 20100204

DOCDB simple family (application)

**EP 08152710 A 20080313**; AT 08152710 T 20080313; DE 602008000447 T 20080313