

Title (en)

Apparatus and method for sorting articles

Title (de)

Sortiervorrichtung und Sortierverfahren für Stückgut

Title (fr)

Appareil et méthode de triage des articles

Publication

EP 1647337 A1 20060419 (DE)

Application

EP 05022662 A 20051018

Priority

AT 17442004 A 20041018

Abstract (en)

A loose goods (1) sorting unit has an energy dispersive detector (5) unit (5) with single channel analyser (6) set to the characteristic X ray (4) emission line of a chemical element in the part and producing an analogue signal to control (7) the sorter (8) by comparison with a reference channel (11).

IPC 8 full level

B07C 5/342 (2006.01); **B07C 5/346** (2006.01)

CPC (source: EP)

B07C 5/346 (2013.01)

Citation (applicant)

- US 6506991 B1 20030114 - EIXELBERGER RAINER [AT], et al
- US 3872306 A 19750318 - PALMER JOHN
- US 5339962 A 19940823 - SOMMER JR EDWARD J [US], et al

Citation (search report)

- [X] US 6266390 B1 20010724 - SOMMER JR EDWARD J [US], et al
- [X] EP 0345949 A2 19891213 - GERSAN ETS [LI]
- [X] GB 2280956 A 19950215 - GERSAN ETS [LI]
- [A] DE 4433937 A1 19960328 - HUONKER MARTIN DIPL ING [DE], et al
- [A] US 3356211 A 19671205 - MATHEWS TED C

Cited by

DE102009057119A1; CN112007877A; EP2335837A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1647337 A1 20060419; **EP 1647337 B1 20090603**; AT 501020 A1 20060515; AT 501020 B1 20060915; AT 501020 B8 20070215; AT E432777 T1 20090615; DE 202005003566 U1 20050519; DE 502005007395 D1 20090716

DOCDB simple family (application)

EP 05022662 A 20051018; AT 05022662 T 20051018; AT 17442004 A 20041018; DE 202005003566 U 20050302; DE 502005007395 T 20051018