

Title (en)

Process and installation for combined sieving and non-ferrous metal separation

Title (de)

Verfahren und Anlage zur kombinierten Siebung und Nichteisenmetallscheidung

Title (fr)

Methode et installation de tamisage et séparation de métaux non ferreux combiné

Publication

EP 1854554 A3 20080618 (DE)

Application

EP 07009191 A 20070508

Priority

DE 102006021558 A 20060508

Abstract (en)

[origin: EP1854554A2] The method involves sieving bulk goods with a shaft axle sieve (1) into rough and smooth fractions and separating non-ferrous metals from the goods fractions with induction separators (2, 3) designed as belt conveyors. The smooth fraction from the sieve directly falls on a conveyor belt (21) of the separator (2) for the smooth fraction. The rough fraction is directly fed to a conveyor belt (31) of the separator (3). The smooth and rough fractions delivered from the non-ferrous metals are combined together or separately discharged. An independent claim is also included for an arrangement for combined sieving and non-ferrous metal separation of bulk goods.

IPC 8 full level

B07B 13/00 (2006.01); **B07B 15/00** (2006.01)

CPC (source: EP)

B03C 1/0332 (2013.01); **B03C 1/18** (2013.01); **B07B 13/003** (2013.01); **B07B 15/00** (2013.01)

Citation (search report)

- [Y] DE 4442631 A1 19960605 - LINDEMANN MASCHFAB GMBH [DE]
- [YA] EP 1486256 A1 20041215 - REUKEMA NON FERRO SCHEIDING B [NL]
- [DA] DE 3823944 C1 19891130

Cited by

FR3058330A1; CN108057627A; CN108273751A; WO2018087306A1

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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