

Title (en)  
Device for sorting solid objects

Title (de)  
Vorrichtung zur Sortierung von festen Gegenständen

Title (fr)  
Machine de triage d'objets solides

Publication  
**EP 0744223 B1 20000119 (FR)**

Application  
**EP 95106834 A 19950505**

Priority  
EP 95106834 A 19950505

Abstract (en)  
[origin: WO9634702A1] The machine is comprised of a modular rotary drum (10) comprised of different individual sections (10a, 10b, 10c, 10d, 10e) having each a truncated shape converging in the forward moving direction of the objects to be sorted. The walls of the different sections are perforated with calibrated sorting holes (26) whose gauge increases from the inlet towards the outlet. The internal walls of the different sections are provided with metal sheets describing a spiral which provides for the guiding of the charge to be sorted, during its forward moving. Each sorting hole (26) has the shape of an elongate slot which widens in the forward moving direction. Application to the sorting of the charge of horizontal crushers.

IPC 1-7  
**B07B 1/18**; **B07B 1/22**

IPC 8 full level  
**B07B 1/18** (2006.01); **B07B 1/24** (2006.01); **B07B 1/46** (2006.01); **B07B 1/22** (2006.01)

CPC (source: EP KR US)  
**B07B 1/18** (2013.01 - EP KR US); **B07B 1/22** (2013.01 - KR); **B07B 1/24** (2013.01 - EP US)

Cited by  
DE102008014301B4; DE102008014301A1

Designated contracting state (EPC)  
AT BE DE ES FR GB IT PT

DOCDB simple family (publication)  
**WO 9634702 A1 19961107**; AT E188893 T1 20000215; AU 5500096 A 19961121; BR 9608165 A 19990209; DE 69514646 D1 20000224; DE 69514646 T2 20000608; EP 0744223 A1 19961127; EP 0744223 B1 20000119; ES 2141277 T3 20000316; HU 219665 B 20010628; HU P9801650 A2 19990528; HU P9801650 A3 20000328; JP H11506386 A 19990608; KR 19980702960 A 19980905; MX 9707185 A 19971129; PL 182215 B1 20011130; PL 322492 A1 19980202; PT 744223 E 20000531; SK 148097 A3 19980304; SK 281973 B6 20010911; TR 199701370 T1 19980221; US 5984106 A 19991116

DOCDB simple family (application)  
**EP 9601483 W 19960404**; AT 95106834 T 19950505; AU 5500096 A 19960404; BR 9608165 A 19960404; DE 69514646 T 19950505; EP 95106834 A 19950505; ES 95106834 T 19950505; HU P9801650 A 19960404; JP 53295796 A 19960404; KR 19970706368 A 19970911; MX 9707185 A 19960404; PL 32249296 A 19960404; PT 95106834 T 19950505; SK 148097 A 19960404; TR 9701370 T 19960404; US 91320197 A 19970903