

Title (en)
SCREENING DEVICE AND SEPARATION SCREEN FOR SCREENING SOLID MATERIALS

Title (de)
SIEBVORRICHTUNG UND TRENNSTIEB ZUM SIEBEN VON FESTSTOFFEN

Title (fr)
DISPOSITIF DE TAMISAGE ET TAMIS DE SÉPARATION POUR LE TAMISAGE DE MATIÈRES SOLIDES

Publication
EP 2921238 A1 20150923 (EN)

Application
EP 15158657 A 20150311

Priority
IT UD20140043 A 20140311

Abstract (en)
A screening device for a separation screen (10) of solid materials comprises a rotary shaft (12), a plurality of screening tools (15) mounted on said rotary shaft (12), adjacent and reciprocally distanced and comprising at least a plate (15a) with a radial development with respect to said rotary shaft (12), and a plurality of tubular sleeves (18), each of which is mounted, free to rotate, on the rotary shaft (12) and interposed between a pair of consecutive screening tools (15). Each of said plates (15a) is provided with a protective lip (15d) protruding so as to overlap, during use, at least one of the end edges (18a) of said tubular sleeves (18).

IPC 8 full level
B07B 1/15 (2006.01)

CPC (source: EP)
B07B 1/155 (2013.01)

Citation (applicant)
• EP 0173638 A2 19860305 - BELOIT CORP [US]
• WO 2011045656 A1 20110421 - ECOSTAR SRL [IT], et al

Citation (search report)
• [A] WO 2011045656 A1 20110421 - ECOSTAR SRL [IT], et al
• [A] EP 0173638 A2 19860305 - BELOIT CORP [US]

Cited by
WO2017081365A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2921238 A1 20150923; EP 2921238 B1 20161109

DOCDB simple family (application)
EP 15158657 A 20150311