

Title (en)
MOBILE CLASSIFYING OR SCREENING DEVICE

Title (de)
MOBILE KLASSIER- ODER SIEBVORRICHTUNG

Title (fr)
DISPOSITIF MOBILE DE CLASSEMENT OU DE TAMISAGE

Publication
EP 4135910 B1 20240515 (DE)

Application
EP 21716298 A 20210325

Priority
• AT 503222020 A 20200416
• EP 2021057843 W 20210325

Abstract (en)
[origin: WO2021209245A1] The invention relates to a mobile classifying or screening device, comprising a frame for a classifying apparatus (1), which frame is arranged on a chassis. The classifying apparatus has at least one screening surface (S) for separating a fed screening material (SG) into at least two screened fractions. The frame comprises: - two lateral frame parts (12.1, 12.2), each of which is formed of longitudinal bars (14) running in the longitudinal direction, which are connected by webs (15) running transversely to the longitudinal bars (14) and which include a topmost longitudinal bar (14a) and a bottommost longitudinal bar (14b); and - at least two transverse bars (16, 17, 18, 19) running in the the transverse direction, which interconnect the two lateral frame parts (12.1, 12.2) in the region of the respective bottommost longitudinal bars (14b) of the two lateral frame parts. The classifying apparatus (1) is mounted on longitudinal bars (14) and is adjacent to a storing and metering unit (2), which is in the form of a trough-shaped feed channel having a substantially horizontal direction of discharge (AR) onto the screening surface (S).

IPC 8 full level
B07B 1/00 (2006.01); **B07B 1/46** (2006.01); **B07B 13/16** (2006.01)

CPC (source: AT EP US)
B03C 1/30 (2013.01 - US); **B07B 1/005** (2013.01 - EP US); **B07B 1/38** (2013.01 - AT); **B07B 1/46** (2013.01 - EP); **B07B 13/16** (2013.01 - EP US); **B07B 15/00** (2013.01 - AT US); **B03C 2201/20** (2013.01 - US)

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

DOCDB simple family (publication)
WO 2021209245 A1 20211021; AT 523535 A4 20210915; AT 523535 B1 20210915; CA 3178458 A1 20211021; EP 4135910 A1 20230222; EP 4135910 B1 20240515; EP 4135910 C0 20240515; US 2023158548 A1 20230525

DOCDB simple family (application)
EP 2021057843 W 20210325; AT 503222020 A 20200416; CA 3178458 A 20210325; EP 21716298 A 20210325; US 202117918467 A 20210325