

Title (en)

Ground crushing and screening device for a bucket, a fixed screen or other, and relative bucket or fixed screen

Title (de)

Erdsieb- und Zerkleinerungsvorrichtung für Baggerschaufeln oder stationäre Siebeinrichtungen und dementsprechende Baggerschaufel oder Siebeinrichtung

Title (fr)

Appareil pour broyer et cribler du sol pour une pelle d'excavatrice ou un crible fixe, et un godet ou un crible comprenant cet appareil

Publication

EP 2458096 B1 20130807 (EN)

Application

EP 11191108 A 20111129

Priority

IT UD20100220 A 20101129

Abstract (en)

[origin: EP2458096A1] Ground crushing and screening device for a bucket (12), of a fixed screen or other, comprising a blade (10) having first constraint end (42) to be keyed to a rotating roller (28), a second end (44) opposite the first end (42), and an intermediate connection body (46) between the first end (42) and the second end (44), which has a development in a substantially linear direction (L), in use directed radially with respect to the roller (28) on which the blade is keyed. The second end (44) of the blade has a fragmentation profile inclined backward with respect to a direction of rotation (F) of the roller (28) having at least a segment (48) inclined by a desired first acute angle (± 1) with respect to the direction (L) of development of the intermediate body (46).

IPC 8 full level

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CPC (source: EP)

B02C 18/142 (2013.01); **B02C 18/182** (2013.01); **E02F 3/407** (2013.01); **E02F 7/06** (2013.01); **E02F 9/2858** (2013.01); **E02F 9/2866** (2013.01); **B02C 2018/188** (2013.01)

Cited by

CN110799707A; CN110665580A; GB2554888A; JP2016223193A; KR102082964B1; CN107511232A; CN112252396A; CN106914327A; JP2019183595A; CN107233985A; WO2016207714A1

Designated contracting state (EPC)

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