

Title (en)
Radial scraper

Title (de)
Radial-Schrappwerk

Title (fr)
Racleur radial

Publication
EP 0702111 A3 19960529 (DE)

Application
EP 95114193 A 19950909

Priority
DE 4432641 A 19940914

Abstract (en)
[origin: EP0702111A2] The radial scraper mechanism is for star-shaped or linear mineral stores. Above the ground a suspended beam (12) is located with a rope anchor (14). A scraping bucket (18) is provided and to it is fixed a digging rope (20) leading to a first winding drum (24). A lifting rope arrangement (22) leads from the scraping bucket over a head roller (28) provided on the beam point around a tension roller (28) to form a loop and to a second winding drum (26). The one winding drum winds up during at least a part movement of the scraping bucket, while the other unwinds. An adjustment device (50,52,54,56) moves the tension roller (50) to a linear guide (46,48) which is part of the rope anchor of the beam and pref. comprises at least two parallel rope strands.

IPC 1-7
E02F 3/54; **B28C 7/08**

IPC 8 full level
B65G 65/28 (2006.01); **B28C 7/08** (2006.01); **B66D 1/80** (2006.01); **E02F 3/54** (2006.01); **E02F 3/58** (2006.01)

CPC (source: EP)
B28C 7/0829 (2013.01); **E02F 3/48** (2013.01); **E02F 3/58** (2013.01)

Citation (search report)

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Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0702111 A2 19960320; **EP 0702111 A3 19960529**; CZ 236395 A3 19960717; DE 4432641 A1 19960321

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