

Title (en)
MILLING DEVICE

Publication
EP 0067386 B1 19850529 (DE)

Application
EP 82104937 A 19820604

Priority
DE 3123393 A 19810612

Abstract (en)
[origin: EP0067386A1] 1. Scraper apparatus for removing covering layers from roadways and walkways, comprising a chassis (10), three road wheels (12, 14, 16), namely two forward road wheels (12, 14) lying coaxially side by side and a non-steerable road wheel (16) to the rear in the direction of travel, at least one of these road wheels (12, 14, 16) being in driving connection with a drive unit (44), a steering element (60) and at least one motor-driven scraper cylinder (46, 48) which is settable with its covering-engagement zone in each case to a level below the plane of the lower common tangent of the road wheels (12, 14, 16), characterised by the combination of the features : a) the steering element (60) is formed as a follower guide pole fitted substantially rigidly to the chassis ; b) the two forward road wheels (12, 14) are also not steerable ; c) the rear road wheel (16) is in drive connection with the drive unit (44) ; d) behind the rear road wheel (16), in the direction of travel, a steering wheel (74) is provided approximately in the middle of the track between the two forward road wheels (12, 14) ; e) a height-setting device (26) is provided for setting the height of the steering wheel (74) in relation to the road wheels (12, 14, 16), by which device the steering wheel (74) is displaceable down to below the common tangent plane of the road wheels (12, 14, 16) ; f) the steering wheel (74) is freely rotatable about a vertical steering axis (72) and is offset with its axle (76) in relation to the steering axis (72).

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IPC 8 full level
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CPC (source: EP)
E01C 23/088 (2013.01); **E01C 2301/50** (2013.01)

Cited by
CN108018764A; WO9511346A1

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