

Title (en)

An active element for the support of at least one milling tool, suited to be applied on milling drums of operating machines for the removal of soils

Title (de)

Einsatz-Element zur Aufnahme wenigstens eines Fräswerkzeuges, das auf Frästrommeln von Arbeitsmaschinen zur Entfernung von Böden anzubringen ist

Title (fr)

Élément actif pour le support d'au moins un outil de fraisage susceptible d'être monté sur des cylindres de fraisage de machines de travail pour l'enlèvement de sols

Publication

**EP 0771911 A1 19970507 (EN)**

Application

**EP 96117400 A 19961030**

Priority

- IT VI950170 A 19951031
- IT VI960126 A 19960730

Abstract (en)

An active element (1; 40, 70; 250, 270) for the support of at least one milling tool (7; 80) of an operating machine for the removal of soils which comprises: a supporting element (4; 401, 701) secured to said milling drum (3; 300); - at least one tool-holder (5; 50) secured to said supporting element (4; 401, 701) and provided with at least one recess (8) suited to lodge said at least one milling tool (7; 80); said milling tool presents a tubular-shaped body which is removably inserted into a hole (6; 105) drilled in said supporting element (4; 401, 701), connecting means (9; 403, 703; 13, 72, 53) suited to secure said supporting element (4; 401, 701) to said drum (3; 300) and said at least one milling tool (7; 80) in the corresponding recess (8) of said at least one tool-holder (5; 50). <IMAGE>

IPC 1-7

**E01C 23/088**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [A] DE 2919774 A1 19791115 - DRESSER IND
- [A] US 4195946 A 19800401 - SWISHER GEORGE W JR [US]
- [A] US 4262966 A 19810421 - BOUPLON EDWARD J
- [A] DE 3712135 A1 19871022 - TAISEI ROAD CONSTRUCTION [JP]
- [A] GB 2118227 A 19831026 - KENNAMETAL INC
- [A] EP 0096585 A1 19831221 - KOEHRING CO [US]
- [A] EP 0025421 A2 19810318 - SANDVIK AB [SE]
- [A] US 5078540 A 19920107 - JAKOB HERBERT E [US], et al
- [A] EP 0259620 A1 19880316 - KENNAMETAL INC [US]

Cited by

US8950821B2; US7938350B2; US7789468B2; BG1212U1; EP1045075A3; DE102007020303B4; US7537288B2; EP1000721A1; US10233752B2; EP1033216A1; CN111954738A; EP1375102A1; US7950745B2; JP2017048680A; US10113424B2; US10167720B2; DE102007020303A1; US6832818B2; US10184336B2; US6779850B1; WO0070149A1; DE102011051523A1; US9163502B2; US9260965B2; US9739145B2; US10208593B2; WO2012072785A2; US9228434B2; US9765620B2; US7597402B2; USRE45540E; US9267373B2; US9151157B2; US9376911B2; US9719348B2

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