

Title (en)

Apparatus and method for providing recesses in a surface of a concrete element

Title (de)

Vorrichtung und Verfahren zum Erzeugen von Ausnehmungen in der Oberfläche eines Betongegenstandes

Title (fr)

Dispositif et procédé pour créer des évidements à la surface d'un élément en béton

Publication

EP 1134061 B1 20040407 (EN)

Application

EP 00204076 A 20001117

Priority

NL 1013606 A 19991118

Abstract (en)

[origin: EP1134061A1] Method for providing recesses in a surface of a concrete element (60), comprising the steps of cutting unhardened concrete to be removed, from the surface of an unhardened concrete element (60) by means of cutting elements (112,113,141-143), in a tooling direction substantially parallel to the surface of the concrete element (60), discharging the unhardened concrete cut from the concrete element, and grinding the unhardened concrete cut from the concrete element. The tooling apparatus comprises a frame (10) supported by wheels (20) driven by a mechanism (21) above the surface of the concrete element (60). The cutting apparatus (80) is characterized by cutting tools (112,113,141-143) for cutting the recesses, a discharge member (27,160) for discharging the unhardened concrete cut from the element (60), a grinding element and a mixer for mixing the unhardened concrete with water. <IMAGE>

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IPC 8 full level

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CPC (source: EP)

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Cited by

CN102950647A; EP2559531A3; US11077582B2; EP3549737A1; CN113319991A; CN113442274A; US10022892B2

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