

Title (en)

Multi-functional tool-carrier rotary head for glass working applications and system for cutting glass slabs using such head

Title (de)

Multifunktionaler Werkzeugträgerdrehkopf für Glasbearbeitungsanwendungen und System zum Schneiden von Glasplatten mit einem derartigen Kopf

Title (fr)

Tête rotative de porte-outils multifonctionnelle pour applications de travail du verre et système de découpage de plaques de verre utilisant cette tête

Publication

EP 2631048 B1 20140319 (EN)

Application

EP 13000576 A 20130205

Priority

- IT TO20120150 A 20120221
- IT TO20120151 A 20120221

Abstract (en)

[origin: EP2631048A1] A multi-functional tool-carrier rotary head (1) is described, for glass (3) working applications, equipped with a plurality of diamond tools (5, 7, 9, 11) and with at least one water-cutting type spindle (13) composed of at least one high-pressure valve (15), at least one abrasive head (16) and at least one nozzle (18) for exiting high-pressure water (19) with abrasive. A system is further described, for cutting glass slabs (3) through high-pressure water comprising the rotary head (1) and a device (20) for reducing energy of the high-pressure water (19).

IPC 8 full level

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CPC (source: EP)

B28D 1/003 (2013.01)

Cited by

EP3819080A1; IT201600132808A1; ITUA20161575A1; CN106239744A; CN106272994A; CN106003434A; KR20170078686A; CN107107378A; EP3045281A1; US10702966B2; WO2016055966A1; CN106363816A; CN109070303A; IT201900020424A1; WO2017154032A1

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