

Title (en)

Automatic machine and automatic method for localized removal of coatings deposited on glass plates

Title (de)

Automatische Maschine und automatisches Verfahren zum lokalen Entfernen von Überzügen auf Glasplatten

Title (fr)

Machine automatique et procédé automatique pour le retrait localisé de revêtements déposés sur des plaques de verre

Publication

**EP 2862672 A1 20150422 (EN)**

Application

**EP 14189154 A 20141016**

Priority

IT TV20130168 A 20131017

Abstract (en)

An automatic machine for removal of the nanocoating with a thickness of a few hundred angstroms from the perimetric margins of the face of glass plates (1) having a rectangular or other than rectangular shape that are substantially flat and arranged vertically or almost vertically, comprising a machine body (2) equipped with a resting surface with pseudovertical sliding (2c) and with a pseudohorizontal conveyor (500) and at least one working head (200, 100), movable in relation to the glass plate (1) along its perimeter, the working head comprising two tool bodies (201a, 201p, 101a, 101p) that are adjustable and floating in a direction that is substantially transverse to the plane of the glass plate (1), each tool body (201a, 201p, 101a, 101p) comprising a cylindrical abrasive tool (202a, 202p, 102a, 102p) which rotates with a cutting motion to carry out the grinding operation, the two tool bodies (201a, 201p, 101a, 101p) of the working head (200, 100) being arranged in series, i.e., in succession with respect to the direction of the relative motion between the head (200, 100) and the glass plate (1).

IPC 8 full level

**B24B 27/033** (2006.01); **B24B 7/24** (2006.01); **B24B 9/10** (2006.01)

CPC (source: EP)

**B24B 7/241** (2013.01); **B24B 7/245** (2013.01); **B24B 9/10** (2013.01); **B24B 9/102** (2013.01); **B24B 27/033** (2013.01)

Citation (applicant)

- EP 0769348 A1 19970423 - FOR EL BASE DI VIANELLO FORTUN [IT]
- EP 0165232 B1 19900905
- EP 1314513 B1 20070516 - LENHARDT MASCHINENBAU [DE]
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Citation (search report)

- [Y] EP 2039464 A1 20090325 - FOR EL BASE DI VIANELLO FORTUN [IT]
- [Y] EP 2436480 A2 20120404 - PANCHARTEK ZBYSEK [CZ]
- [A] WO 8701321 A1 19870312 - LINDSEY ALAN FREDERICK, et al
- [A] DE 20218341 U1 20030213 - TORGAUER MASCHB GMBH [DE]

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CN111283510A; CN111347334A; IT201600103219A1; KR20190071699A; CN111906108A; US11565363B2; WO2018069472A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

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