

Title (en)

Joint for transmitting and distributing electric power, electric signals, or several pressurised fluids, particularly adapted for machines for calibrating and smoothing stone materials

Title (de)

Anschluss zur Übertragung und Verteilung von Strom, elektrischer Signale oder mehrerer mit Druck beaufschlagter Fluide, die insbesondere für Maschinen zum Kalibrieren und Glätten von Steinmaterialien eingerichtet ist

Title (fr)

Joint pour transmettre et distribuer l'alimentation électrique, signaux électriques, ou plusieurs fluides pressurisés, particulièrement adapté aux machines pour étalonner et lisser des matériaux à base de pierre

Publication

EP 2234213 A1 20100929 (EN)

Application

EP 09425118 A 20090326

Priority

EP 09425118 A 20090326

Abstract (en)

A joint is described for transmitting and distributing electric and electronic power coupled with the transmission and distribution of hydraulic and pneumatic power, suitable for connecting two relatively-moving parts, belonging to a machine for working stone materials, wood or glass, comprising a rotary part with respect to a fixed part: the rotary part comprises a hollow cylinder (10) for supporting apparatuses for transmitting and distributing: electric power (20) and (21); electric signals (40), (41), (42) and (43); pneumatic power (11) and (12); hydraulic power (52).

IPC 8 full level

H01R 13/00 (2006.01); **F16L 9/18** (2006.01); **H01R 39/08** (2006.01); **B24B 55/02** (2006.01); **B25J 19/00** (2006.01)

CPC (source: EP)

H01R 13/005 (2013.01); **H01R 39/08** (2013.01); **H01R 39/64** (2013.01)

Citation (applicant)

- WO 9937136 A1 19990729 - ROTOBEC INC [CA], et al
- US 3893658 A 19750708 - FISHER HOWARD M
- US 2004069731 A1 20040415 - HOVIK BRIAN K [US]

Citation (search report)

- [XY] WO 9937136 A1 19990729 - ROTOBEC INC [CA], et al
- [Y] US 3893658 A 19750708 - FISHER HOWARD M
- [Y] US 2004069731 A1 20040415 - HOVIK BRIAN K [US]
- [A] US 2008292740 A1 20081127 - TAGUCHI MASARU [JP], et al
- [A] WO 9306406 A1 19930401 - GLASTONBURY ENG PTY LTD [AU]
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- [A] US 3910309 A 19751007 - KAISER HEINZ W

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RU194338U1; RU179981U1; CN109195899A; EP3464153A4; US11365526B2; WO2020065689A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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