

Title (en)

DEVICE FOR APPLYING GLUE TO GROOVES AND HAIRLINE CRACKS IN WOODS, PARTICULARLY FOR GLUING LOOSE KNOTS IN PLANKS

Publication

**EP 0457963 A3 19920520 (DE)**

Application

**EP 90123049 A 19901201**

Priority

DE 4016460 A 19900522

Abstract (en)

[origin: EP0457963A2] For applying a viscous glue or plastic to grooves and hairline cracks in planks, a device is used which has an impact head arranged underneath the impact ram of an impact apparatus, on the underside of which head a flat, downwardly open chamber bounded by an axially flexible sealing ring and capable of being filled with the glue or plastic is formed.

IPC 1-7

**B27G 1/00**

IPC 8 full level

**B25D 9/26** (2006.01); **B27G 1/00** (2006.01); **E04G 23/02** (2006.01)

CPC (source: EP US)

**B25D 9/26** (2013.01 - EP US); **B27G 1/00** (2013.01 - EP US); **E04G 23/0203** (2013.01 - EP US); **E04G 23/0211** (2013.01 - EP US)

Citation (search report)

- [XD] US 2346879 A 19440418 - LEE TURZILLO
- [Y] GB 936338 A 19630911 - BAMFORD EXCAVATORS LTD
- [YD] CH 645057 A5 19840914 - LOCHER G AG WALKRINGEN [CH]
- [Y] US 2459296 A 19490118 - SMITH WILLIS E
- [A] FR 1304271 A 19620921 - ATLAS COPCO AB
- [A] US 4373646 A 19830215 - MACEWEN GEORGE E
- [A] US 4146339 A 19790327 - FLEMING MICHAEL R, et al
- [A] US 2313108 A 19430309 - WERTZ LOUIS S
- [A] US 2325087 A 19430727 - WERTZ LOUIS S
- [A] US 2214219 A 19400910 - BARRETT PAUL K

Cited by

CN112647730A; FR2947753A1; EP1500477A1; DE10230574A1; EP1378332A3; WO2009156388A3; WO2004106022A1

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