

Title (en)

Machine assembly with integral heat barrier

Title (de)

Maschinenaggregat mit integrierter Wärmesperre

Title (fr)

Ensemble de machine avec barrière thermique intégrée

Publication

**EP 0879967 A3 20000719 (DE)**

Application

**EP 98107095 A 19980418**

Priority

DE 19721196 A 19970521

Abstract (en)

[origin: EP0879967A2] The pumping machine assembly has a hot (1) and a cool (2) section, separated by a heat barrier as a pair of spaced flange plates (5,6) linked together by one or more force transmission metallic units (9). The bonding has a sufficient minimum cross section surface for the force transmission requirements. The two plates (5,6) are bonded together by a tubular body (11), surrounding the shaft (4) or a shaft bush (12), with a narrow gap between them. Ring recesses in one or both plates (5,6) hold force transmission units (9) and/or a thermal insulation material (15).

IPC 1-7

**F04D 29/58**

IPC 8 full level

**F04D 13/02** (2006.01); **F04D 29/58** (2006.01); **F16D 1/02** (2006.01); **F16D 1/033** (2006.01)

CPC (source: EP US)

**F04D 29/5893** (2013.01 - EP US)

Citation (search report)

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- [DA] EP 0731280 A1 19960911 - KSB AG [DE]
- [A] US 4239462 A 19801216 - DACH HOLGER [DE], et al
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