

Title (en)

Housings, especially for hydraulic conveying devices.

Title (de)

Gehäuse, insbesondere für hydraulische Fördereinrichtungen.

Title (fr)

Boîtiers, en particulier pour convoyeurs hydrauliques.

Publication

**EP 0638381 A3 19961016 (DE)**

Application

**EP 94111102 A 19940716**

Priority

DE 4327242 A 19930813

Abstract (en)

[origin: EP0638381A2] The invention relates to a cast housing, especially for hydraulic conveying means, having regions which can be subjected to pressure and/or are to be sealed off and having passages designed to carry the medium to be delivered and cast simultaneously in the housing. It is envisaged that the regions should be assigned at least one pressurizable pressure space which exerts a reaction pressure on the regions, the pressure space being formed simultaneously with the casting of the housing (26), and the passages furthermore being formed by cores (16) which remain at least partially in the housing (26) after it has been cast. <IMAGE>

IPC 1-7

**B22D 19/00**; **B22D 25/02**

IPC 8 full level

**B22D 19/00** (2006.01); **B22D 25/02** (2006.01)

CPC (source: EP)

**B22D 19/00** (2013.01); **B22D 25/02** (2013.01)

Citation (search report)

- [XY] DE 4023961 A1 19910221 - WAGNER SPRAY TECH CORP [US]
- [XY] DE 4102358 A1 19920730 - VOLKSWAGEN AG [DE]
- [XY] DE 2219588 A1 19731025 - TEVES GMBH ALFRED
- [A] DE 3129391 C1 19821104 - HOESCH ESTEL WERKE AG
- [A] DE 3926069 C1 19901031
- [A] DE 3520484 A1 19861211 - DAIMLER BENZ AG [DE]

Cited by

DE19918987A1; DE102005043253A1; DE102005043253B4; DE102011120772A1; DE102011120772B4; US8327910B2; DE102008033086A1; EP2033721A1

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