

Title (en)
COLD HEAD FOR CRYOGENIC REFRIGERATING MACHINE

Title (de)
KALKOPF FÜR TIEFTEMPERATUR-KÄLTEMASCHINE

Title (fr)
TÊTE FROIDE POUR REFRIGÉRISEUR CRYOGÉNIQUE

Publication
EP 3071903 A1 20160928 (DE)

Application
EP 14798872 A 20141114

Priority
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• EP 2014074623 W 20141114

Abstract (en)
[origin: WO2015071418A1] A cold head for cryogenic machines comprises a displacer (72, 76) mounted in a working chamber (38, 40, 46) of a housing (34, 36). The cold head also has a high-pressure connection (64) for supplying highly compressed refrigerant and a low-pressure connection (60) for discharging expanded refrigerant. Also provided is a control valve arrangement (58) for controlling the supply and discharge of refrigerant. According to the invention there is a bypass channel (80) connecting the high-pressure connection to the low-pressure connection.

IPC 8 full level
F25B 9/14 (2006.01)

CPC (source: EP KR US)
F25B 9/14 (2013.01 - EP KR US); **F25B 2309/006** (2013.01 - EP KR US)

Citation (search report)
See references of WO 2015071418A1

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