

Title (en)
Device for cooling of a cryostat arrangement

Title (de)
Vorrichtung zur Kühlung einer Kryostatanordnung

Title (fr)
Dispositif pour la réfrigération d'un dispositif cryostat

Publication
EP 1628089 B1 20120523 (DE)

Application
EP 05016144 A 20050726

Priority
DE 102004037173 A 20040730

Abstract (en)
[origin: DE102004037173B3] The cryogenic cooler (7) is attached to a cold head (10) which may be brought into contact with a workpiece. The cooler uses reflux flow of cryogenic gases and has a housing (8) surrounding a vacuum space (9). There are two cooling stages (11,12) in the vacuum chamber, protected by a radiation shield (13). There are two connections (14a,14b) to a cryostat (1) which have concentrically-arranged tanks (2a,2b) containing two different cryogenic fluids i.e. helium (18a) and nitrogen (18b).

IPC 8 full level
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CPC (source: EP US)
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Cited by
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CH FR GB LI

DOCDB simple family (publication)
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