

Title (en)
CUTTING METHOD AND APPARATUS USING A JET OF CRYOGENIC FLUID

Title (de)
VERFAHREN UND VORRICHTUNG ZUM SCHNEIDEN MITTELS EINES TIEFSTTEMPERATUR - FLÜSSIGKEITSSTRAHLES

Title (fr)
INSTALLATION ET PROCEDE DE DECOUPAGE PAR JET DE FLUIDE CRYOGENIQUE

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Application
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Abstract (en)
[origin: WO9422646A1] A cutting apparatus using a jet of cryogenic fluid and comprising a low pressure cryogenic fluid storage tank, a high pressure compressor (12), and a discharge nozzle (19) connected by lagged ducts. The operation of a heat exchanger (8) arranged between the storage tank (1) and the discharge nozzle (19) for cooling the discharged fluid to a constant set temperature is controlled by the output from a temperature sensor (31) at the inlet of the high pressure compressor (12). A cutting method carried out using said apparatus is also disclosed.

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