

Title (en)
TURBO-COMPRESSOR WITH RETURN FLOW CHANNELS

Title (de)
TURBOVERDICHTER MIT RÜCKFÜHRSTÖRUNGSKANÄLEN

Title (fr)
TURBO-COMPRESSEUR AVEC CANAUX DE RETOUR DE FLUIDE

Publication
EP 3577347 B1 20220427 (DE)

Application
EP 18729651 A 20180605

Priority
• DE 102017114232 A 20170627
• EP 2018064772 W 20180605

Abstract (en)
[origin: CN207406386U] The utility model relates to a geometry characteristics structure and turbine compressor reducer are drawn in returning of turbine compressor reducer draws how much characteristics structures for this time and is used for the flowing of the first and second compressor reducer levels of turbine compressor reducer to connect, wherein, returning and drawing how much characteristics structures and have a plurality of arrange, part along partial spirals of circumference orientation trend at least along circumference orientation uniform distribution, the at least range selector ground of this part spiral forms the flow path who is used for the connection of flowing of the first and second compressor reducer levels who divides liftoff trend each other. The utility model has the beneficial effect of, according to the utility model discloses a turbine compressor reducer can reduce mobile risk of cutting and minimizing loss of pressure.

IPC 8 full level
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CPC (source: EP US)
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F04D 29/30 (2013.01 - US)

Citation (examination)
US 984189 A 19110214 - BROWN WILLIAM C [CA]

Designated contracting state (EPC)
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DOCDB simple family (publication)
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