

Title (en)

DEVICE AND METHOD FOR COOLING SHRINK FIT CHUCKS AND DEVICE FOR RECEIVING CHUCKS

Title (de)

VORRICHTUNG UND VERFAHREN ZUR KÜHLUNG VON SCHRUMPFUTTERN BZW.VORRICHTUNG ZUR AUFNAHME VON WERKZEUGFUTTERN

Title (fr)

PROCEDE ET DISPOSITIF POUR REFROIDIR DES MANDRINS DE SERRAGE OU DES DISPOSITIFS RECEVANT DES MANDRINS POUR OUTILS

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Application

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Abstract (en)

[origin: WO2007028522A2] The invention relates to a device for cooling shrink fit chucks (5) having a longitudinal axis (A) using a coolant. Said device (1) comprises at least one coolant nozzle (2) for spraying the coolant onto the shrink fit chuck (5) or onto the inserted insertion tool and a container (3) for shielding the sprayed coolant towards outwards, the container (3) being displaceable along the longitudinal axis of the shrink fit chuck (5). The invention also relates to a corresponding cooling method. Finally, the invention relates to a device for receiving chucks which comprises a seat configured within an internal diameter. Balls are arranged on the internal diameter at regular distances and especially at angles of 120°, 60°, etc. to each other. Said balls project beyond the internal diameter into the seat so that the received chuck rests only against the balls.

IPC 8 full level

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