

Title (en)  
MBFEX TUBE

Title (de)  
MBFEX-RÖHRE

Title (fr)  
TUBE MBFEX

Publication  
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Application  
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Abstract (en)  
[origin: WO2019057338A1] The invention relates to a MBFEX tube (1) for an x-ray device, comprising, in a vacuum tube (20), an anode (30) designed as a coolant finger and securely fixed in the tube, also comprising a plurality of securely arranged cathodes (40, 41, 42). The vacuum tube (20) comprises a plurality of cathode feed lines (50) and not more than two high-voltage bushings (51, 52), in a high voltage bushing (52). A coolant pipe (31) comprising an coolant inner tube (32) mounted inside in a bushing. The coolant tube (31) and the coolant inner tube (32) are provided for cooling the anode (30) with a liquid coolant, the cathodes (40, 41, 42) being provided for field emission of electrons and being respectively arranged on the anode (30) for generating x-ray sources (Q).

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