

Title (en)

MULTIPLE INJECTION LINE FOR PARTICLE-ACCELERATING CAVITY

Title (de)

MEHRFACHEINSPRITZLEITUNG FÜR PARTIKELBESCHLEUNIGENDEN HOHLRAUM

Title (fr)

LIGNE D'INJECTION MULTIPLE POUR CAVITÉ ACCÉLÉRATRICE DE PARTICULES

Publication

EP 4032373 A1 20220727 (FR)

Application

EP 20706721 A 20200224

Priority

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- EP 2020054758 W 20200224

Abstract (en)

[origin: WO2020169846A1] Multiple injection line (1) for particle-accelerating cavity, comprising: - at least two ion sources (11), - a first-harmonic resonant cavity (30) comprising a chamber (38) and at least two drift tubes (34) each associated with one respective source (11), these drift tubes (34) being placed in the chamber, electrically connected to one another and connected by a conductor (36) to the chamber, - second-harmonic resonant cavities (50) each associated with one respective ion source (11), comprising a chamber and a drift tube (54) electrically connected to the chamber by a conductor (55).

IPC 8 full level

H05H 7/06 (2006.01); **H05H 7/08** (2006.01); **H05H 7/18** (2006.01)

CPC (source: EP)

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