

Title (en)

MULTIPLE INJECTION LINE FOR PARTICLE-ACCELERATING CAVITY AND CORRESPONDING METHOD

Title (de)

MEHRFACHEINSPRITZLEITUNG FÜR PARTIKELBESCHLEUNIGENDE KAVITÄT UND ENTSPRECHENDES VERFAHREN

Title (fr)

LIGNE D'INJECTION MULTIPLE POUR CAVITÉ ACCÉLÉRATRICE DE PARTICULES ET PROCÉDÉ CORRESPONDANT

Publication

EP 4032373 B1 20230927 (FR)

Application

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Priority

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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

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