

Title (en)  
Apparatus for exchanging an immersion nozzle

Title (de)  
Einrichtung zum Wechseln eines Tauchrohres

Title (fr)  
Dispositif pour échanger un tube de coulée

Publication  
**EP 0713737 B1 20000816 (DE)**

Application  
**EP 95102993 A 19950302**

Priority  
DE 4434718 A 19940928

Abstract (en)  
[origin: EP0713737A1] To replace a feeder tube (10) with a new tube (10'), a pusher unit (16) is guided on a track (14) by flexible stirring wheels (21,22) which move in a slot guide (39,40). The guide comprises two sections. The first (41,42) is parallel to the feeding plane of the tube and the second is angled to take the wheels out of the feeding plane.

IPC 1-7  
**B22D 41/56**; **B22D 11/10**

IPC 8 full level  
**B22D 11/10** (2006.01); **B22D 41/56** (2006.01)

CPC (source: EP)  
**B22D 41/56** (2013.01)

Cited by  
EP1391257A4; EP1982780A1

Designated contracting state (EPC)  
AT DE ES FR GB IT LU NL SE

DOCDB simple family (publication)  
**EP 0713737 A1 19960529**; **EP 0713737 B1 20000816**; AT E195451 T1 20000915; DE 4434718 C1 19951130; DE 59508644 D1 20000921; ES 2148361 T3 20001016

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