

Title (en)  
APPARATUS FOR TRANSPORTING RODS

Publication  
**EP 0336897 B1 19931006 (FR)**

Application  
**EP 89810238 A 19890331**

Priority  
CH 124888 A 19880405

Abstract (en)  
[origin: EP0336897A1] The upper transporter (4) moves full cases towards the emptying station (2), so that the rods contained in the cases (9) enter the horizontal conduit (15). The empty cases are picked up again by the elevator (7). The transporter (5) feeds empty cases to the input of the filling station (3), into which the rods flow from the conduit (15). The full cases are picked up on the elevator (7) or on the transporter (6) which can pass them, via the elevator (8) or the elevator (7), to a storage position either on the transporter (5) or on the transporter (4). <IMAGE>

IPC 1-7  
**A24C 5/352**; **A24C 5/358**

IPC 8 full level  
**A24C 5/352** (2006.01); **A24C 5/358** (2006.01)

CPC (source: EP US)  
**A24C 5/352** (2013.01 - EP US); **A24C 5/358** (2013.01 - EP US)

Cited by  
US5568856A; EP1752053A1; EP0612481A3; US5567104A; WO9413161A1

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CH DE GB IT LI

DOCDB simple family (publication)  
**EP 0336897 A1 19891011**; **EP 0336897 B1 19931006**; DE 68909656 D1 19931111; DE 68909656 T2 19940511; US 4995769 A 19910226

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**EP 89810238 A 19890331**; DE 68909656 T 19890331; US 33030689 A 19890329