

Title (en)
DEVICE FOR DIRECT-DOUBLING ON AIR JET LOOMS

Publication
EP 0338201 A3 19910731 (DE)

Application
EP 89102394 A 19890211

Priority
DE 3813060 A 19880419

Abstract (en)
[origin: EP0338201A2] What is described is a device for direct doubling on air-jet looms with a plurality of parallel cross-wound bobbins as a yarn stock. The object is to develop an air-jet loom in such a way that the processing of a multiply doubled yarn is simplified. For this purpose, the production of the doubled yarn takes place directly on the air-jet loom itself. <IMAGE>

IPC 1-7
D03J 1/04

IPC 8 full level
B65H 51/22 (2006.01); **B65H 54/02** (2006.01); **D03D 23/00** (2006.01); **D03D 47/34** (2006.01); **D03J 1/04** (2006.01)

CPC (source: EP US)
B65H 54/026 (2013.01 - EP US); **D03D 47/34** (2013.01 - EP US); **D03J 1/04** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Citation (search report)
• [X] US 4256148 A 19810317 - SCHARLING II HENRY E
• [Y] CH 531981 B

Cited by
FR2678958A1; US6467314B1; WO0047805A1

Designated contracting state (EPC)
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EP 0338201 A2 19891025; EP 0338201 A3 19910731; DE 3813060 C1 19890928; JP H01282369 A 19891114; US 4919172 A 19900424

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EP 89102394 A 19890211; DE 3813060 A 19880419; JP 8023689 A 19890330; US 33511989 A 19890407