

Title (en)

Yarn traverse device and take-up winder having the same

Title (de)

Fadenchangiervorrichtung und Aufwickelmaschine mit dieser Vorrichtung

Title (fr)

Mécanisme de va-et-vient de fil et bobinoir muni d'un tel mécanisme

Publication

EP 0965554 A2 19991222 (EN)

Application

EP 99108148 A 19990426

Priority

- JP 16952698 A 19980617
- JP 16952798 A 19980617

Abstract (en)

The present invention relates to a yarn traverse device wherein the rotation planes of an upper rotating wing 1 and a lower rotating wing 7 of each yarn traverse unit U are all arranged in parallel with the rotation axis t1 of a touch roller T, and wherein the rotation planes of the upper rotating wing 1 and the lower rotating wing 7 of all yarn traverse units are arranged in four planes. Each yarn traverse unit U can be independently operated without consideration for the driving timings between adjacent yarn traverse units U. <IMAGE>

IPC 1-7

B65H 54/28

IPC 8 full level

B65H 49/00 (2006.01); **B65H 54/28** (2006.01)

CPC (source: EP KR)

B65H 49/00 (2013.01 - KR); **B65H 54/2839** (2013.01 - EP); **B65H 54/2881** (2013.01 - EP); **B65H 2701/31** (2013.01 - EP)

Cited by

WO2012045855A1; WO2013041442A1; CN103153831A; EP2208700A3; EP2208699A3; EP4410725A1; DE202010008846U1; WO2021018679A1; DE102011114025A1

Designated contracting state (EPC)

DE FR IT

DOCDB simple family (publication)

EP 0965554 A2 19991222; **EP 0965554 A3 20000816**; CN 1239065 A 19991222; KR 20000006209 A 20000125

DOCDB simple family (application)

EP 99108148 A 19990426; CN 99109159 A 19990617; KR 19990022475 A 19990616