

Title (en)

AN END EFFECTOR, SYSTEM AND METHODS FOR HANDLING STACKED SHEETS

Title (de)

ENDEFFEKTOR, SYSTEM UND VERFAHREN ZUM HANDHABEN VON GESTAPELTEN BÖGEN

Title (fr)

EFFECTEUR TERMINAL, SYSTÈME ET PROCÉDÉS DE MANIPULATION DE FEUILLETS EMPILÉS

Publication

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Application

EP 19714861 A 20190131

Priority

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Abstract (en)

[origin: WO2019151861A2] An end effector, system and methods for handling stacked sheets, such as fiber reinforced laminate, a compressed stack of fiber reinforced laminate and a method of machining the compressed stack of fiber reinforced laminate. The end effector is arranged for handling a set of press plates and stacked sheets to be sandwiched there between and comprises a carrier with a central portion and a peripheral portion. The central portion is provided with a number of suction grippers arranged to operate in a suction plane. The peripheral portion includes a number of hooks, each hook having a stem that is arranged to reach through the suction plane, and a catch carried thereon having a carrying face arranged to operate in a carrying plane parallel to the suction plane. The hooks are movably disposed, so that the catch can move along the carrying plane between a first position in which the catch can pass through a set of aligned handling apertures in the set of press plates, and a second position in which the catch hooks behind a periphery of a handling aperture in a bottom press plate of the set of press plates.

IPC 8 full level

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Citation (search report)

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