

Title (en)
VARIABLE ANGLE TARGET THROWER

Title (de)
ZIELSCHLEUDER MIT EINEM EINSTELLBAREN ABSCHIESSWINKEL

Title (fr)
LANCEUR DE CIBLES A ANGLE VARIABLE

Publication
EP 1319162 A1 20030618 (FR)

Application
EP 01972158 A 20010917

Priority
• FR 0102877 W 20010917
• US 66293400 A 20000915

Abstract (en)
[origin: US6276350B1] The throwing arm for a clay target launching machine is designed with an adjustable leading edge or target-engaging edge of the throwing arm. This edge is separately, pivotally mounted on a main body member, which in turn is pivoted to launch the targets. By adjusting the angle of the leading edge of the throwing arm, causing it to be offset from a center line through the central pivot of the main body member of the throwing arm, the angle between two simultaneously released targets can be varied from an angle which is less than that of conventional devices to an angle which is greater than that of conventional devices. A further enhancement includes constructing the leading edge of the throwing arm with materials of different coefficients of friction to provide additional variations in the angle at which targets are released by the machine in which the throwing arm is used.

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F41J 9/20

IPC 8 full level
F41J 9/18 (2006.01)

CPC (source: EP US)
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Designated contracting state (EPC)
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