

Title (en)
RECOIL BRAKE AND BARRELED FIREARM

Title (de)
ROHRBREMSE UND ROHRWAFFE

Title (fr)
FREIN DE REcul ET ARME À FEU À CANON

Publication
EP 4014003 A1 20220622 (DE)

Application
EP 20743689 A 20200721

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Abstract (en)
[origin: WO2021028165A1] The invention relates to a recoil brake (1) for braking recoiling masses of a barreled firearm, comprising: a hollow cylinder (10), which has an interior (11), the interior being filled with a fluid and having a high-pressure side (14) and a low-pressure side (12); a control rod (40), which is arranged in the hollow cylinder (10) and has an end (42), which is connected to the hollow cylinder (10); a piston rod (30), which surrounds the control rod (40) and is arranged within the hollow cylinder (10) for movement in an axial direction (A) of the hollow cylinder (10), wherein a piston (20), which is arranged for sliding in the axial direction (A), is formed on the piston rod (30), which piston fluidically separates the high-pressure side (14) from the low-pressure side (12). A distance (L) by which the piston (20) can slide in the axial direction (A) is at least as large as the recoil distance of the recoiling masses during the passage of a bullet through the barreled firearm.

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